

Historic, archived document

Do not assume content reflects current
scientific knowledge, policies, or practices.

POULTRY
AND EGG
Situation

U. S. DEPT. OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY

NOV 26 1970

CURRENT SERIAL RECORDS



Poultry and Egg Situation at a Glance

Item	Unit	1969				1970			
		July	Aug.	Sept.	Oct.	July	Aug.	Sept.	Oct.
Eggs									
Farm production	Mil. eggs	5,796	5,709	5,503	5,740	5,833	5,781	5,603	
Average number of layers on farms	Mil.	307.1	308.4	311.9	316.0	311.8	313.3	318.4	
Rate of lay per layer	Eggs	18.9	18.5	17.6	18.2	18.7	18.4	17.6	
Frozen egg production	Mil. lb.	33.4	28.0	23.6	28.2	31.7	28.8	26.1	
Dried egg production	Mil. lb.	6.8	5.1	4.2	5.1	9.4	7.7	5.8	
Prices received by farmers	Ct. per doz.	37.7	36.2	40.7	40.4	36.7	33.0	38.8	33.2
Retail prices (BLS) Grade A large	Ct. per doz.	53.0	63.4	63.0	63.4	58.2	57.1	62.0	
Prices paid for laying feed	Dol. per ton	80.0	81.0	81.0	80.0	84.0	84.0	86.0	87.0
Egg-feed price ratio	Ratio	9.4	8.9	10.0	10.1	8.7	7.9	9.0	7.6
Stocks, first of month:									
Shell	Thous. cases	300	213	120	85	157	147	98	180
Frozen	Mil. lb.	60.7	66.2	64.3	56.4	55.6	60.1	63.5	58.8
Replacement chicks hatched	Mil.	40.2	38.0	39.5	40.0	44.8	29.2	39.6	
Poultry									
Federally inspected Slaughter certified									
Broilers	Mil. lb.	568.4	573.8	578.0	610.5	657.0	611.5	613.5	
Turkeys	Mil. lb.	145.5	185.3	225.8	266.5	172.1	212.0	244.6	
Price at farm, live weight									
Broilers	Ct. per lb.	17.5	16.5	15.7	14.8	13.6	13.2	13.4	12.8
Chickens, excluding broilers	Ct. per lb.	9.0	9.5	9.7	9.7	8.3	8.0	7.8	7.7
Turkeys	Ct. per lb.	21.2	21.2	21.5	22.6	22.2	22.1	22.6	22.0
9-city wholesale broiler price	Ct. per lb.	32.5	31.1	29.4	28.5	26.0	25.5	26.5	24.9
Retail price									
Broilers	Ct. per lb.	44.4	44.5	44.7	42.5	41.5	40.3	39.4	
Turkeys	Ct. per lb.	48.3	49.7	50.3	50.9	56.2	55.9	55.2	
Broiler-feed price	Dol. per ton	92.0	92.0	92.0	90.0	94.0	95.0	97.0	98.0
Broiler-feed price ratio	Ratio	3.8	3.6	3.4	3.3	2.9	2.8	2.8	2.6
Turkey feed price	Dol. per ton	90.0	91.0	90.0	90.0	93.0	94.0	97.0	96.0
Turkey-feed price ratio	Ratio	4.7	4.7	4.8	5.0	4.8	4.7	4.7	4.6
Stocks, first of month:									
Broilers	Mil. lb.	18.9	19.8	21.6	20.8	32.1	33.8	32.5	33.5
Turkeys	Mil. lb.	119.3	162.7	237.1	329.4	95.2	157.0	240.3	340.6
Total poultry	Mil. lb.	199.8	247.9	323.9	423.4	250.2	321.7	411.0	514.5
Placement of broiler chicks in 22 or 23 States	Mil.	54.9	52.9	51.2	50.6	57.3	55.5	49.1	48.5

POULTRY AND EGG SITUATION

CONTENTS

	Page
Summary	4
Situation and Outlook	
Eggs	4
Recent Situation	4
Outlook	5
Broilers	6
Recent Situation	6
Outlook	7
Turkeys	8
Recent Situation	8
Outlook	9
List of Tables	35



Approved by
The Outlook and Situation Board
and Summary released
November 4, 1970

Principal contributor:
William E. Cathcart

Economic and Statistical Analysis Division

Economic Research Service

U.S. Department of Agriculture
Washington, D.C. 20024



The *Poultry and Egg Situation* is published in February, April, June, September and November.

SUMMARY

Output of eggs and turkeys will remain above year-earlier levels through the first half of 1971. Broiler production is expected to drop below year-earlier levels this fall and be down moderately during most of the first half of 1971. Substantially lower prices are likely for eggs and turkeys through the first quarter of 1971, and moderately lower prices for broilers.

Egg production the rest of 1970 likely will average moderately above last year. However, output for all of 1970 will be up just over 1 percent. Flock size the first 3 quarters of 1970 ran nearly 2 percent larger but the rate of lay averaged about 1 percent lower.

The laying flock likely will increase and average moderately above a year earlier through mid-1971. The laying flock on October 1 this year at 321.9 million was 2 percent above a year ago. Also, there were nearly 4 million (5 percent) more pullets 3 months or older not yet laying. The egg-type replacement chick hatch during August was down nearly a fourth, but September hatchings about held their own, and eggs in incubators October 1 were up 6 percent. A gain in the rate of lay is expected from larger numbers of pullets entering the laying flock and increased culling of old flocks.

Prices to producers for eggs in 1970 may average about 2.5 cents a dozen below the 40 cents received in 1969. During the first quarter of 1970 egg prices were up nearly 7 cents a dozen. Prices since March generally have been below 1969. Prices remained weak during October, averaging 33.2 cents a dozen at mid-month, 7 cents below October 1969.

Larger egg supplies, reduced use of eggs for hatching, and plentiful supplies of other high-protein foods will tend to hold egg prices this fall and winter well below the relatively high levels of a year earlier.

Broiler meat output is dropping this fall, but for all of 1970 will average about 9 percent above 1969. Broiler chick placements have declined in recent months and have been below year-earlier levels since the first of September. Production likely will keep lagging during most of the first half of 1971 as a result of lower broiler prices and higher feed costs this year. In addition, continuing uncertainty about the 1970 corn crop and the outlook for still higher production costs in 1971 will tend to delay a renewal of the uptrend in broiler production.

Wholesale broiler prices (9 cities) for 1970 will average about a tenth below the 29.1 cents received in 1969. Fall and winter prices may run moderately below a year earlier, then strengthen some next spring. The

positive effect of reduced output on prices in coming months may be more than offset by increased supplies of other high-protein foods, particularly pork. Hog slaughter this fall is up substantially and prices are down. Continuation of both trends is likely through winter and spring.

Turkey meat output in 1970 will total about 10 percent above last year. January-September slaughter was up 13 percent, but the margin has narrowed. Output will be moderately above year-earlier levels through the balance of 1970 and substantially above in the first half of 1971.

The number of poults hatched has declined seasonally since spring but the fall hatch is running sharply above 1969. Most of these turkeys will be marketed in early 1971. Also, eggs in incubators on October 1 were up sharply.

This year's higher turkey prices (up 14 percent in January-October) probably will lead to a further output expansion in 1971 despite increasing costs of production. Turkey breeder flock owners in 15 major

producing States indicated their plans in September to keep 10 percent more breeder hens for the 1971 hatching season—19 percent more light breed hens and 9 percent more heavy breed.

Higher prices and more output in January-September resulted in a buildup of turkey in cold storage. Stocks have increased seasonally since June and on October 1 totaled 341 million pounds, about 12 million more than on October 1, 1969. Turkey stocks next January may be up about a half from the 192 million pounds of January 1, 1970.

Live turkey prices through September held above year-earlier levels but have trended down since March. Prices averaged 22.0 cents a pound in October compared with 25.6 cents in March and 22.6 cents in October 1969. Prices the rest of 1970 may remain near the October level and average moderately below the 24 cents received in the last quarter of 1969. Larger cold storage stocks next January 1, increased turkey production, and larger supplies of red meats likely will hold turkey prices in the first half of 1971 well below year-earlier levels.

SITUATION AND OUTLOOK

EGGS

Recent Situation

Supply—The supply of eggs for this year will total slightly above the 191.5 million cases in 1969 but below expectations early this year. Egg production through September totaled 144.8 million cases, up about 1 percent. Production was up 3 percent in January but slipped in May and June. Subsequently, production recovered and in September averaged 2 percent above September 1969. The lower than expected production so far this year has resulted largely from increased culling of old flocks in recent months and a rate of lay below last year during most of 1970.

The small increase in production resulted from a larger laying flock. The number of layers, 3 percent

larger on January 1, fell more than usual and on June 1 totaled only 1 percent above June 1, 1969. Flock size has trended up since June and during September averaged 318.4 million birds—2 percent more than a year earlier. During January-August the rate of lay averaged about 1 percent lower. The rate of lay remained slightly below year-earlier levels during September.

Imports—Imports of eggs and egg products for January-August totaled 778,000 cases (shell equivalent), about one-half a percent of total supply. This compares with 87,000 cases during the same period of 1969. About four-fifths of the egg imports in 1970 were shell eggs, compared with about a fifth last year. Most of the egg imports were received during the first quarter of 1970 when domestic shell egg prices were relatively high.

Stocks—Cold storage holdings of eggs during the first 8 months of this year averaged below the relatively low levels of 1969. A sharp increase in shell egg stocks during September resulted in cold storage stocks on October 1 above a year earlier. Stocks of all eggs on January 1, 1970, totaled 1.1 million cases, 0.7 million below a year earlier and less than half of January 1, 1968, stocks. Although 16 percent more eggs were used by breakers during January-September this year, stocks of shell and frozen eggs on October 1 were only 10 percent above the relatively low stocks of a year ago. Frozen eggs in storage on October 1, 1970, totaled about 59 million pounds, equivalent to 1.5 million cases shell eggs, compared with 56 million pounds and 1.4 million cases a year earlier. Stocks of shell eggs in cold storage on

Layers on farms and eggs produced

Calendar quarter	Number of layers		Eggs per layer		Eggs produced	
	1969	1970	1969	1970	1969	1970
	Mil.	Mil.	No.	No.	Mil. cs.	Mil. cs.
I	315	322	54.0	53.5	47.2	47.9
II	310	315	57.2	56.2	49.2	49.1
III	309	315	55.0	54.8	47.2	47.8
IV	320		53.8		47.8	
Annual	313		220.0		191.5	

October 1 totaled 180,000 cases compared with 98,000 cases on September 1 and 85,000 on October 1, 1969.

Prices—Larger production and reduced demand for eggs resulted in egg prices declining sharply during September and early October. The Chicago delivered price for large eggs (80 percent Grade A) declined from 47.3 cents a dozen for the first week of September to 36.9 cents for the week ended October 30. This was 13.5 cents a dozen below a year earlier.

Prices received by producers for all eggs averaged 33.2 cents a dozen in mid-October, compared with 38.8 cents for the previous month and 40.4 cents for October 1969.

Shell egg prices

Calendar quarters	Received by producer		Chicago ¹			
			Large		Medium	
	1969	1970	1969	1970	1969	1970
	Cents per dozen					
I	40.8	47.6	45.6	54.4	40.0	47.5
II	32.8	31.8	35.8	34.9	29.6	28.0
III	38.2	36.2	45.9	43.5	37.3	32.1
IV	48.1		56.9		40.1	
Annual	40.0		46.1		40.1	

¹ Chicago, weighted average price, delivered, White, 80 percent Grade A.

Prices paid by producers for laying feed have increased in recent months. In October, laying feed averaged \$87.00 a ton—\$1 above September and \$7.00 above October 1969. Costs of other production items also are higher. The index of prices paid by farmers for production items (including feed, interest, taxes, and wage rates averaged 138 in October (1957-59=100), compared with 137 in September and 131 a year earlier.

The egg feed-price ratio has been below a year earlier since March of this year as a result of lower egg prices and increased feed costs. Egg prices fell sharply in the spring and have been below 1969 levels since late March. At the same time feed prices have trended higher. The ratio for October was 7.6 compared with 9.0 in September and 10.1 for October 1969.

Utilization—Per capita egg supplies available to civilians for food during January-September 1970 were about 1 percent below a year earlier. Larger egg production and increased imports of eggs during this period were more than offset by increased population, reduced January 1 cold storage stocks of eggs, increased use of eggs for hatchery purposes, and a small increase in egg shipments to American territories.

During the first 8 months of this year, 9.5 million cases of eggs were used for hatchery purposes—7 percent more than a year earlier. Eggs set for broiler type chicks were

7 percent greater and 8 percent more went for egg type chicks. Eggs going for hatching purposes in January-August this year accounted for 7.4 percent of total egg use, compared with 6.9 percent in 1969.

Exports and Shipments—Eggs and egg products exported and shipped to territories during January-August totaled 1.0 million cases compared with 0.9 million last year. Exports (excluding shipments) during this period totaled 320,000 cases, shell equivalent, down 25 percent from last year. Exports of shell eggs accounted for less than 10 percent of the total. Total egg exports accounted for only about one-quarter percent of eggs produced during this period. In addition, egg shipments to American territories in the first 8 months of 1970 totaled 663,000 cases, 27 percent above the same period of 1969.

Other Uses—Liquid egg production has continued above the relatively low pace of 1969. During September producers of liquid egg products used 1.5 million cases of shell eggs. This is 7 percent less than in August but 25 percent more than in September 1969. Eggs going to breakers during January-September this year totaled 14.6 million cases compared with 12.6 million in the same months last year. During this period, liquid egg production going for immediate consumption totaled 80 million pounds or 14 percent of total production. This compares with 61 million pounds and 12 percent of production during the same months of 1969.

USDA purchases during 1970 of scrambled egg mix, containing a minimum of 51 percent egg solids, totaled 16.6 million pounds. This was equivalent to about 846,000 cases of shell eggs and approximately a tenth more than in 1969. The egg mix purchase program for 1970 ended June 24.

Outlook

Production—Egg production is expected to gain further over year-earlier levels during the balance of 1970 and the first half of 1971. The laying flock on October 1 totaled 322 million birds, 2.5 percent more than on October 1, 1969. In addition, the number of pullets 3 months old or older and not laying totaled nearly 75 million—about 4 million more than a year earlier. Although, the hatch of egg-type replacement chicks during August was down nearly a fourth, hatchings in September were about the same as a year ago and eggs in incubators on October 1 were up 6 percent.

The laying flock through mid-1971 will contain more pullets and fewer hens than a year earlier. With a younger flock, the rate of lay likely will gain and average above a year earlier, particularly during the first half of 1971.

Part of the sharp increase in replacement pullets entering the laying flock in recent months has been

offset by increased culling of old flocks. Slaughter of egg-type mature chickens in Federally inspected plants during the first half of 1970 totaled 72 million—2 million more than in the first half of 1969. Marketings of light-type mature chickens increased sharply after midyear. Slaughter for July-September totaled 31.9 million hens. This compares with 28.8 million in the same period of 1969. Weekly slaughter reports indicate that marketing of old hens during October continued well above October 1969.

Prices—Egg prices received by producers in 1970 will average about 2 cents a dozen below the 40 cents received in 1969. Continued larger production of eggs this fall and winter likely will hold egg prices well below the relatively high prices of a year earlier. Prices to producers averaged about 48 cents a dozen in the fourth quarter of 1969 and the first quarter of 1970.

Prices next spring likely will show about the usual seasonal decline, much less than the sharp decline that occurred in 1970, and may average near the 31.8 cents a dozen received by producers in the second quarter of 1970. In addition to larger expected production, egg prices will be under pressure from larger supplies of other high-protein foods. However, expected strong demand for shell eggs by breakers during the first half of 1971 will tend to lessen the pressure on prices.

Prices for laying feed in coming months are expected to be substantially above year-earlier levels. The smaller corn crop will bolster the overall cost of ration ingredients through at least the first half of 1971. The cost of most other production items will continue to increase in 1971, but perhaps at a slower pace than this year.

Utilization—Consumption of shell eggs in 1970 probably will total below 1969 despite increased egg production. The increased production may be more than offset by larger use for liquid egg production and for hatching purposes. If egg production increases as expected in the first half of 1971, consumption probably will exceed year-earlier levels. Hatcheries may use fewer eggs during the first half of 1971—both for broiler chicks and egg-type chicks.

BROILERS

Recent Situation

Production—Broiler chick placements have declined in recent months and have been below year-earlier levels since the first of September. But for January-August weekly placements averaged nearly 9 percent above last year—ranging from 14 percent above in January to 5 percent above in August. Weekly placements during September-October averaged about 5 percent below a year earlier.

Broiler meat output in Federally inspected plants during the first 9 months of 1970 totaled 5.5 billion pounds, ready-to-cook weight, 12 percent above the same period of 1969. Output for September averaged only 6 percent above September 1969. The number of birds marketed through September this year was up 12.2 percent and the average liveweight, at 3.6 pounds, was up about 1 percent. Condemnations during this period averaged 3.5 percent of quantity inspected, compared with 3.0 a year ago.

Broilers slaughtered in Federally inspected plants

Calendar quarters	Number inspected		Average live weight		Certified as whole-some (ready-to-cook weights)	
	1969	1970	1969	1970	1969	1970
	Millions	Millions	Pounds	Pounds	Mil. lb.	Mil. lb.
I	573	651	3.60	3.63	1,469	1,676
II	654	738	3.57	3.61	1,670	1,895
III	670	736	3.57	3.58	1,720	1,882
IV	619		3.67		1,625	
Annual	2,516		3.60		6,484	

Through September this year, young chickens (mostly broilers) inspected for further processing and cutting up under Federal inspection totaled 1.6 billion pounds, ready-to-cook weight—14 percent above a year earlier. Of the amount inspected, about 85 percent was cut up with the balance going for processing beyond the cut-up stage. This was about the same distribution as last year.

Prices—Broiler prices have been below year-earlier levels since January. Broiler markets stayed weak in recent weeks as broiler supplies remained large and supplies of red meats increased. Wholesale prices of ready-to-cook broilers in 9 cities averaged 25.9 cents a pound for July-September—5 cents below the same months of 1969. Prices fell to 23.5 cents a pound for the first week of October, then strengthened to 25.0 cents for all of October. Broiler markets fell sharply in early November to 22.0 cents, the lowest since late 1967.

The broiler-feed price ratio in July-October averaged 2.8 compared with 3.5 for the same months of 1969. This lower ratio resulted from a 18 percent lower average live price for broilers combined with a 3.5 percent higher feed price. Broiler feed prices during this period averaged \$96 a ton compared with \$91.50 last year. Costs of most other items used in production and marketing of broilers have increased. The October 1970 index of prices paid by farmers for commodities and

Broiler Prices

Calendar quarters	Received by producers		9-city weighted average (ready-to-cook)	
	1969	1970	1969	1970
<i>Cents per pound</i>				
I	14.7	14.6	28.2	27.9
II	15.4	13.6	29.6	26.7
III	16.6	13.4	31.0	25.9
IV	14.3		27.5	
Annual	15.2		29.1	

services, including interest, taxes, and farm wage rates, was up 4.5 percent from 1969. Prices for hatching eggs have declined in 1970. Georgia broiler chick hatching eggs in 1970 have averaged about 14 percent below last year.

Utilization—Exports through August this year of whole young chickens and parts totaled 61.6 million pounds, compared with 58.5 million in 1969. Exports of whole young chickens were up 10 percent while chicken parts increased only about 4 percent. The proportion of whole birds has declined in recent years. In 1969 nearly three-fourths of the young chickens exported were cut-up, compared with about 65 percent in 1967, the first year for such data. Exports to Switzerland and Greece under USDA's Export Payment Program accounted for 13.8 million pounds, compared with 11.5 million pounds for the same months of 1969.

USDA Purchases—Purchases of fresh frozen cut-up young chicken for the National School Lunch Program for the current school year were begun in August. Through October purchases totaled 27.3 million pounds at a cost of \$8.5 million. This compares with 21.3 million pounds and \$7.4 million through approximately the same date in 1969. Purchases this year were started about a month earlier than in 1969. In addition USDA has bought 62.6 million pounds, equivalent ready-to-cook weight, of canned boned chicken this year for distribution to needy persons. For all of 1969, when purchases were largely of canned boned turkey, buying of canned boned chicken totaled 4.1 million pounds at a cost of \$1.6 million.

Outlook

Production—Broiler meat production during all of 1970 likely will total about 9 percent above 1969. Output, above 1969 so far this year, will fall below year-earlier levels this fall. Lower prices for broilers and higher feed costs will likely result in lower production in coming months. Also, uncertainty about the corn crop and prices for broiler feed will tend to discourage any expansion. Output during most of the first half of 1971

probably will be moderately below the first half of 1970. The latest USDA broiler guide suggests that broiler egg settings for first quarter 1971 slaughter be reduced by 8 percent from a year earlier.

Pullet chick placements for the broiler hatchery supply flock have averaged below year-earlier levels in recent months. Reduced placements and increased slaughter of heavy mature chickens in recent months may result in a broiler hatchery supply flock during the first quarter of 1971 about the same as the first quarter of 1970.

Prices—Wholesale broiler prices for 1970 are expected to average about 3 cents a pound below the 29.1 cents received in 1969. Prices for broilers this fall and winter likely will be down moderately. Prices in the spring may strengthen and average near those of spring 1970. However, the positive effect on prices of the expected lower broiler production may be more than offset by increased supplies of other high-protein foods, particularly pork.

Hog slaughter this fall is expected to run considerably larger than a year ago. The September Hogs and Pigs report from USDA indicated 13 percent more market hogs on farms in 10 Corn Belt States on September 1 than a year ago. These States account for about three-fourths of all hogs produced. There were 11 percent more hogs weighing over 60 pounds, indicating increased short-term marketings.

Market hogs and pigs in 10 Corn Belt States, by weight groups, as of September 1

Weight group	1969	1970	Change
	<i>1,000 head</i>	<i>1,000 head</i>	<i>Percent</i>
Under 60 lbs.	14,351	16,560	+15
60-119 lbs.	9,600	11,212	+17
120-179 lbs.	8,569	9,453	+10
180-219 lbs.	4,980	5,167	+4
220 lbs. & over	925	966	+4
Total market hogs and pigs ..	38,425	43,358	+13

Hog slaughter in the first half of 1971 will continue well above the first half of 1970. Winter slaughter will reflect the 15 percent increase in the number of hogs weighing less than 60 pounds in 10 Corn Belt States on September 1. Slaughter next spring will come largely from September-November 1970 farrowings, now expected to be up about 13 percent.

Broiler production costs through the first half of 1971 will be substantially higher. Prices of feed grains probably will be well above 1970 because of the expected lower corn crop combined with an increase in the number of animal units to be fed. Despite gains in productivity, labor and material costs will probably continue to increase but at a slower rate than in the first half of 1970.

TURKEYS

Recent Situation

Production—Turkey meat output in Federally inspected plants during January-September this year totaled 895 million pounds, 13 percent above the same months of 1969. The number of turkeys marketed during this period totaled 63.6 million birds, 13.5 percent more than a year ago. The live weight of turkeys marketed through September this year averaged 17.8 pounds—up slightly from a year earlier. The mix of turkeys marketed in 1970 changed. The number of fryer-roasters increased 17 percent and young turkeys 14 percent, while the number of old turkeys marketed fell 19 percent. The number of poults hatched has declined seasonally since spring, but in September was 61 percent above a year earlier. Also, eggs in incubators on October 1 were up 59 percent. Most of these turkeys will be marketed in the first half of 1971. The increased poult hatch during recent months and the larger number of eggs in incubators the first of October indicate that turkeys have been kept for a longer laying season in 1970.

Turkeys slaughtered in Federally inspected plants

Calendar quarters	Number Inspected		Average live weight		Certified as whole-some (ready-to-cook-weights)	
	1969	1970	1969	1970	1969	1970
	Millions	Millions	Pounds	Pounds	Mil. lb.	Mil. lb.
I	6.6	6.4	16.8	17.1	87.3	84.9
II	11.2	14.3	16.4	16.2	145.4	182.0
III	38.3	42.9	18.3	18.5	556.5	628.6
IV	39.3		20.7		643.6	
Annual	95.4		19.0		1,432.8	

The volume of turkey meat inspected in recent months for further processing and cutting up in Federally inspected plants has increased to above year-earlier levels, after trailing during the first half of 1970. Turkeys used for cutting up and further processing during January-September totaled 458 million pounds, 1 percent above 1969. Reduced quantities during the first half of 1970 largely resulted from smaller available supplies, higher prices, and the expectation of larger turkey supplies later in the year.

Prices—Turkey prices have exceeded year-earlier levels since July 1968. However, prices for live turkeys this year have trended down since March and averaged 22 cents a pound in mid-October, compared with 25.6 cents in mid-March and 22.6 cents for October 1969.

Prices to producers for January-October this year averaged 23.6 cents a pound, 3 cents above the same period of 1969. New York wholesale prices for young hens (8-16 pounds, ready-to-cook) in September averaged 38.9 cents a pound, compared with 37.8 cents for September 1969. Prices for young toms (14-20 pounds) in September averaged 35.1 cents a pound compared with 34.4 cents a year ago. But prices for hens and young toms fell below year-earlier levels in October and will likely continue below for the rest of this year.

Turkey prices

Calendar quarters	Received by producers		New York wholesale ¹			
			Young hens 8-16 pounds		Young toms 14-20 pounds	
	1969	1970	1969	1970	1969	1970
	<i>Cents per pound</i>					
I	20.0	25.1	31.4	46.6	28.9	39.4
II	20.5	24.0	34.6	39.0	32.9	39.7
III	21.3	22.3	36.8	37.5	34.2	34.6
IV	24.0		43.0		38.9	
Annual	22.4		36.3		33.5	

¹ U.S. Grade A, ready-to-cook, carlot and trucklot, frozen, F.O.B. or equivalent.

The turkey-feed price ratio has declined in recent months but has held near year-earlier levels. The ratio in July-October averaged 4.7, compared with 4.8 for the same months of 1969. A 5 percent higher feed cost was nearly offset by a 3 percent higher turkey price. Turkey feed prices during this period averaged \$95 a ton—up \$5 from a year ago.

Cold storage stocks of turkey have increased seasonally since June and on October 1 totaled 341 million pounds compared with 329 million a year earlier and 386 million on October 1, 1968. Stocks increased by 100 million pounds in September to total nearly 10 million more than in 1969. Whole birds accounted for about 98 percent of total stocks on October 1, 1970.

Utilization—Disappearance of turkey meat during the first half of 1970 was lower chiefly because of lower available supplies and higher prices. Although 1970 production has been substantially higher, sharply lower January 1 stocks kept supplies below a year ago. Cold storage turkey stocks on January 1, 1970 totaled 192 million pounds—125 million below January 1, 1969.

Turkey consumption during January-September totaled about 3.7 pounds per person, compared with 4.2 pounds in the like period of 1969.

USDA through October purchased 32.9 million pounds of young, whole ready-to-cook frozen turkey for use in school lunches at a cost of \$11.4 million. This compares with 20.6 million pounds and \$7.1 million to

approximately the same date in 1969. In addition, 5.2 million pounds, equivalent ready-to-cook carcass weight, of canned boned turkey was purchased through October.

Turkey meat exports have been down. January-September exports totaled 22 million pounds, ready-to-cook weight. This compares with 25 million pounds in the same months of 1969.

Outlook

Production—Turkey meat output in 1970 will average about 10 percent above last year. Output will continue moderately above year-earlier levels in the first half of 1971.

The higher turkey prices this year may lead to a further moderate expansion in 1971, despite increasing costs of production. Turkey breeder flock owners in 15 major producing States indicated intentions in September to keep 10 percent more turkey breeder hens for the 1971 hatching season than in 1970. Flock owners intended to keep 19 percent more light breed hens and 9 percent more heavy breeds. These 15 States account for approximately four-fifths of all breeder hens in the United States.

Breeder hens in 1971 may outnumber 1970 totals in all 15 States except Pennsylvania, down 13 percent; Oregon, down 4 percent; and Iowa, down 2 percent. The largest percentage increases are in Missouri and Ohio, each 33 percent; Texas, 24 percent; and Oklahoma, 15 percent. This early-season survey is usually a good indication of the volume of eggs that may be available for raising poults the following year. However, the uncertainties about the feed situation and generally higher production cost may result in producers keeping a smaller number of breeders for 1971 than indicated in the survey.

Prices—Turkey prices the rest of 1970 may remain near October levels—about 22 cents per pound to producers—averaging moderately below last year. Turkey prices ran up sharply in the closing months of 1969. Substantially more poults are being hatched in the closing months of 1969 for marketing early in 1971. Also, cold storage holdings of turkeys next January 1 are likely to be up about a half from January 1, 1970. Thus, larger production and increased cold storage stocks together with larger supplies of red meats likely will hold turkey prices in the first half of 1971 well below the relatively high year-earlier levels.

Table 1.--Eggs and poultry: Measures of production efficiency and prices, 1935-70 ^{1/}

Year	Eggs per layer	Feed units used per- ^{2/}			Farm prices			Price adjuster ^{3/}	Adjusted prices		
		Dozen eggs produced	100 lb. broilers produced	100 lb. turkeys produced	Eggs per dozen	Broilers per pound	Turkeys per pound		Eggs per dozen	Broilers per pound	Turkeys per pound
	Number	Feed units	Feed units	Feed units	Cents	Cents	Cents		Cents	Cents	Cents
1935	122	6.5	488	690	23.4	20.0	20.1	45	52.0	44.4	44.7
1936	121	7.4	528	724	21.8	20.6	15.6	47	46.4	43.8	33.2
1937	130	6.2	483	651	21.3	21.4	18.1	51	41.8	42.0	35.5
1938	135	6.8	500	708	20.3	19.0	17.5	40	50.8	47.5	43.8
1939	134	7.1	465	709	17.4	17.0	15.7	39	44.6	43.6	40.3
1940	134	7.1	481	720	18.0	17.3	15.2	42	42.9	41.2	36.2
1941	139	7.3	490	723	23.5	18.4	19.9	51	46.1	36.1	39.0
1942	142	7.4	466	723	30.0	22.9	27.5	66	45.5	34.7	41.7
1943	142	7.8	482	666	37.1	28.6	32.7	80	46.4	35.8	40.9
1944	148	7.7	451	667	32.5	28.8	33.9	82	39.6	35.1	41.3
1945	152	7.4	448	650	37.7	29.5	33.7	86	43.8	34.3	39.2
1946	156	7.8	459	634	37.6	32.7	36.3	98	38.4	33.4	37.0
1947	160	7.3	448	630	45.3	32.3	36.5	114	39.7	28.3	32.0
1948	166	7.2	434	630	47.2	36.0	46.8	119	39.7	30.3	39.3
1949	170	7.2	410	610	45.2	28.2	35.2	103	43.9	27.4	34.2
1950	174	7.7	382	592	36.3	27.4	32.9	107	33.9	25.6	30.7
1951	177	7.2	374	561	47.7	28.5	37.5	125	38.2	22.8	30.0
1952	181	7.2	366	555	41.6	28.8	33.6	119	35.0	24.2	28.2
1953	186	7.2	359	561	47.7	27.1	33.7	105	45.4	25.8	32.1
1954	188	7.0	351	545	36.6	23.1	28.8	102	35.9	22.6	28.2
1955	192	6.5	340	536	39.5	25.2	30.2	96	41.1	26.2	31.5
1956	197	6.7	331	519	39.3	19.6	27.2	95	41.4	20.6	28.6
1957	199	6.8	318	573	35.9	18.9	23.4	97	37.0	19.5	24.1
1958	202	6.7	343	545	38.5	18.5	23.9	104	37.0	17.8	23.0
1959	207	6.6	321	520	31.4	16.1	23.9	100	31.7	16.3	24.1
1960	209	6.5	296	519	36.1	16.9	25.4	99	36.5	17.1	25.7
1961	210	6.4	287	599	35.6	13.9	18.9	99	36.0	14.0	19.1
1962	212	6.5	296	597	33.8	15.2	21.6	101	33.5	15.0	21.4
1963	213	6.4	297	620	34.5	14.6	22.3	100	34.5	14.6	22.3
1964	217	6.3	299	580	33.8	14.2	21.0	98	34.5	14.5	21.4
1965	218	6.1	282	566	33.7	15.0	22.2	103	32.7	14.6	21.6
1966	218	6.6	302	565	39.1	15.3	23.1	110	35.5	13.9	21.0
1967	221	6.6	305	538	31.2	13.3	19.7	105	29.7	12.7	18.8
1968	220	6.6	294	533	34.0	14.2	20.5	108	31.5	13.1	19.0
1969 ^{4/}	220	6.6	273	550	40.0	15.2	22.4	114	35.1	13.3	19.6
1970 ^{5/}	220	6.6	261	537	37.1	13.8	34.0	116	32.0	11.9	20.7

^{1/} Includes Alaska and Hawaii beginning in 1961. ^{2/} A feed unit is the economic equivalent of a pound of corn. Data for crop year ending September 30. ^{3/} Index of prices received by farmers for all farm products 1957-59=100. ^{4/} Preliminary. ^{5/} Forecast.

Table 2.--Eggs, chicken, turkey and red meats: Civilian per capita consumption 1945-70 1/

Year	Eggs	Poultry, ready-to-cook weight				Red meats, carcass weight equivalent				
		Chicken			Turkey	Total	Beef and veal	Pork excluding lard	Lamb and mutton	
		Total	Pounds	Percent						
	Number	Pounds	Pounds	Percent	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1945	403	25.1	21.6	23	3.5	145	71.3	66.6	7.3	
1946	379	23.1	19.4	21	3.7	154	71.6	75.8	6.7	
1947	383	21.7	18.1	24	3.6	155	80.4	69.6	5.3	
1948	389	21.4	18.3	30	3.1	145	72.6	67.8	5.1	
1949	383	22.9	19.6	36	3.3	145	72.8	67.7	4.1	
1950	389	24.7	20.6	42	4.1	145	71.4	69.2	4.0	
1951	393	26.1	21.7	48	4.4	138	62.7	71.9	3.4	
1952	390	26.8	22.1	53	4.7	146	69.4	72.4	4.2	
1953	379	26.7	21.9	56	4.8	155	87.1	63.5	4.7	
1954	376	28.1	22.8	60	5.3	155	90.1	60.0	4.6	
1955	371	26.3	21.3	65	5.0	163	91.4	66.8	4.6	
1956	369	29.6	24.4	71	5.2	167	94.9	67.3	4.5	
1957	362	31.4	25.5	75	5.9	159	93.4	61.1	4.2	
1958	354	34.0	28.1	78	5.9	152	87.2	60.2	4.2	
1959	352	35.2	28.9	79	6.3	160	87.1	67.6	4.8	
1960	334	34.1	28.0	84	6.1	161	91.1	64.9	4.8	
1961	328	37.4	30.0	86	7.4	160	93.3	62.0	5.1	
1962	326	36.9	29.9	86	7.0	163	94.3	63.5	5.2	
1963	317	37.5	30.7	88	6.8	169	99.2	65.3	4.8	
1964	318	38.3	31.0	89	7.3	174	105.0	65.3	4.2	
1965	314	40.7	33.3	88	7.4	167	104.5	58.5	3.7	
1966	313	43.8	36.0	89	7.8	170	108.5	58.0	4.0	
1967	323	45.7	37.1	88	8.6	178	110.0	63.9	3.9	
1968	320	45.3	37.4	88	7.9	183	113.0	66.0	3.7	
1969 2/	316	47.4	39.0	90	8.4	182	113.8	64.8	3.4	
1970 3/	316	49.9	41.8	90	8.1	185	116.0	65.4	3.4	

1/ Includes available data for Alaska and Hawaii beginning in 1960. 2/ Preliminary. 3/ Forecast.

Table 3. Factors influencing and indicative of the demand for eggs and poultry, 1945-70 1/

Year	Total population July 1 E/	Employment: Average number of people employed	Per capita disposable income	BLS consumer price index (1957-100)	Civilian per capita disappearance				Price received by farmers			BLS retail price	
					Ready-to-cook basis		Eggs	Turkey	Eggs per dozen	All chickens per pound	Turkeys per pound	Grade A large eggs per dozen	Broilers and fryers per pound
					Broilers	Other							
	Millions	Millions	Dollars		Number	Pounds	Pounds	Pounds	Cents	Cents	Cents	Cents	Cents
1945	139.9	52.8	1,074	62.7	403	5.0	16.6	3.5	37.7	27.0	33.7	58.1	---
1946	141.4	55.2	1,132	68.0	379	4.1	15.3	3.7	37.6	29.0	36.3	58.6	---
1947	144.1	57.8	1,178	77.8	383	4.3	13.8	3.6	45.3	28.2	36.5	69.6	---
1948	146.6	59.1	1,290	83.8	389	5.5	12.8	3.1	47.2	32.3	46.8	72.3	---
1949	149.2	58.4	1,264	83.0	383	7.1	12.5	3.3	45.2	26.6	35.2	69.6	3/61.2
1950	151.7	59.7	1,364	83.8	389	8.7	11.9	4.1	36.3	24.9	32.9	60.4	59.5
1951	154.3	60.8	1,469	90.5	393	10.4	11.3	4.4	47.7	27.0	37.5	73.7	61.8
1952	157.0	61.0	1,518	92.5	390	11.7	10.4	4.7	41.6	26.2	33.6	67.3	60.7
1953	159.6	61.9	1,583	93.2	379	12.3	9.6	4.8	47.7	25.3	33.7	69.8	59.7
1954	162.4	60.9	1,585	93.6	376	13.7	9.1	5.3	36.6	21.1	28.8	58.5	53.8
1955	165.3	62.9	1,666	93.3	371	13.8	7.5	5.0	39.5	23.4	30.2	60.6	55.9
1956	168.2	64.7	1,743	94.7	369	17.3	7.1	5.2	39.3	18.9	27.2	60.2	48.2
1957	171.3	65.0	1,801	98.0	362	19.1	6.1	5.9	35.9	18.0	23.4	57.3	46.9
1958	174.1	64.0	1,831	100.7	354	22.0	6.1	5.9	38.5	17.7	23.9	60.4	46.5
1959	177.1	65.6	1,905	101.5	352	22.8	6.1	6.3	31.4	15.3	23.9	53.0	42.0
1960	180.7	66.7	1,937	103.1	334	23.3	4.7	6.1	36.1	16.3	25.4	57.3	42.7
1961	183.8	66.8	1,983	104.2	328	25.8	4.2	7.4	35.6	13.4	18.9	57.3	38.5
1962	186.7	67.8	2,054	105.4	326	26.6	4.3	7.0	33.8	14.6	21.6	54.0	40.7
1963	189.4	68.8	2,366	106.7	317	26.9	3.8	6.8	34.5	14.1	22.3	55.1	40.1
1964	192.1	70.4	2,490	108.1	318	27.5	3.5	7.3	33.8	13.7	21.0	53.9	37.8
1965	194.6	71.1	2,432	109.9	314	29.4	3.9	7.4	33.7	14.4	22.2	52.7	39.0
1966	196.9	72.9	2,579	113.1	313	32.2	3.0	7.8	39.1	14.7	23.0	59.9	41.3
1967	199.1	74.4	2,743	116.0	323	32.7	4.4	8.6	31.2	12.7	20.7	49.6	38.1
1968	201.2	75.9	2,979	121.0	320	33.0	4.4	7.9	34.0	13.6	21.5	52.9	39.8
1969 4/	203.2	78.9	3,148	127.7	316 8	35.1	3.9	8.4	40.0	14.7	22.5	62.1	42.2
1970 5/	205.4	78.6	3,335	135.0	317 9	37.8	4.0	8.1	37.1	6/	23.5	62.0	40.5 8

1/ Includes available data for Alaska and Hawaii beginning in 1961.

2/ Includes armed forces overseas.

3/ 9 month average.

4/ Preliminary.

5/ Forecast.

6/ Discontinued.

Table 4 --Cold storage holdings of high-protein foods,
October 1, 1970, with comparisons

Item	Unit	October 1, 1968	October 1, 1969	September 1, 1970	October 1, 1970
<u>Thousands</u>					
Total eggs ^{1/}					
Shell	Case	2,733	1,513	1,706	1,668
Frozen	do.	150	85	98	180
	Pound	102,047	56,399	63,499	58,789
Total poultry ^{2/}					
Broilers and fryers	do.	492,007	423,387	410,985	514,451
Roasters	do.	18,366	20,815	32,501	33,502
Hens, fowls	do.	6,624	4,590	10,550	10,152
Turkeys	do.	36,655	22,889	50,776	54,235
Whole	do.	385,943	329,406	240,371	340,620
Other	do.	354,101	297,832	205,094	297,862
	do.	31,842	31,574	35,277	42,758
Ducks	do.	5,003	7,367	11,494	12,468
All red meats ^{3/}					
Beef	do.	516,820	549,853	607,048	592,393
Frozen pork	do.	241,689	304,049	290,123	288,567
Pork in cooler	do.	170,185	149,441	194,501	189,750
	do.	26,875	24,491	32,558	30,551
Total cheese	do.	447,267	369,468	366,750	351,890

^{1/} Frozen eggs converted on the basis of 39.5 pounds to the case.

^{2/} Includes unclassified poultry.

^{3/} Includes other meat and meat products.

Table 5.--Egg supplies available to civilians for food, January-March, April-June, and July-September 1969-70

Item	Unit	January-March			April-June			July-September		
		1969	1970	Change from year earlier	1969	1970	Change from year earlier	1969	1970	Change from year earlier
Beginning stocks	Mil. doz.	56.4	33.9	-22.5	40.8	33.3	-7.5	55.1	47.0	-8.1
Farm production	Mil. doz.	1,415.5	1,436.4	20.9	1,475.8	1,474.3	-1.5	1,417.3	1,434.7	17.4
Imports	Mil. doz.	1.2	17.5	16.3	1.0	3.2	2.2	.7	4.2	3.5
Exports and shipments	Mil. doz.	8.4	8.8	.4	13.5	12.6	-.9	11.1	12.9	1.8
Military procurements	Mil. doz.	21.5	17.9	-3.7	23.7	20.5	-3.2	19.1	15.4	-3.7
Eggs used for hatching	Mil. doz.	100.7	112.2	11.3	104.3	111.2	6.9	91.3	89.5	-1.8
Supplies available to civilians for food:										
Total	Mil. doz.	1,342.5	1,348.9	6.4	1,376.1	1,366.5	-9.6	1,351.6	1,368.1	16.5
Per capita	No.	81.0	80.4	-.6	82.8	81.1	-1.7	81.1	81.0	-.1
Civilian population	Mil.	199.0	201.3	2.3	199.4	202.1	2.7	200.0	202.6	2.6

PES-264

NOVEMBER 1970

3/ Change from a year earlier in October 4-October 24.

Table 7.--Shell eggs: Per capita consumption by months and for the U.S., 1960-70

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	Number												
1960	27.5	24.7	27.7	26.6	24.9	23.1	24.9	24.4	24.0	25.3	25.6	26.9	305.6
1961	26.2	23.3	26.3	25.3	24.4	22.5	24.4	24.3	23.9	25.3	25.2	26.7	297.8
1962	26.3	23.5	26.5	25.3	24.4	22.4	23.6	24.0	23.6	24.9	25.0	26.4	295.9
1963	25.5	22.5	25.8	24.2	23.9	22.5	23.6	23.8	23.3	24.5	24.5	25.5	289.6
1964	25.2	23.4	25.4	23.5	23.7	22.1	23.3	23.9	23.1	24.3	23.9	25.3	287.1
1965	25.3	22.1	24.5	24.1	24.1	22.1	23.6	23.6	22.9	24.4	23.7	24.7	285.1
1966	24.5	22.0	24.6	23.4	23.6	21.8	23.3	23.4	22.8	24.6	24.2	25.1	283.3
1967	25.0	22.1	25.2	23.8	23.9	22.2	24.0	23.4	23.4	24.6	24.5	25.8	288.5
1968	25.7	23.5	25.4	24.2	24.2	22.5	23.7	23.5	23.0	24.1	23.7	24.8	288.3
1969	24.8	22.1	25.4	23.7	24.3	22.3	23.4	23.7	23.1	23.8	23.6	24.7	284.9
1970	24.7	21.7	24.7	23.5	23.6	21.8	23.4	23.5	22.9				

Table 8.--Egg-feed price ratios, replacements started and raised, and subsequent number of pullets on farms, 1960 to date ^{1/}

Year	Egg-feed price ratio		Chickens		Hatch of replacement		Pullets on farms ^{2/}		Farmers intentions to	
	Weighted average ^{2/}		raised ^{3/}		pullet chicks ^{4/}		October 1		January 1	
	Lb.	Year ended June 30	Lb.	Year ended June 30	Year ended June 30	Year ended September 30	Oct.	Nov.	Dec.	Annual
	Lb.		Lb.		Lb.		Lb.		Lb.	
1960	9.6	9.5	330	256	262	225	214	214	214	91
1961	11.5	11.4	340	281	288	235	227	227	227	112
1962	10.1	10.1	320	276	278	229	221	221	221	101
1963	10.2	9.9	314	280	285	235	226	226	226	106
1964*	9.8	9.6	316	286	290	245	250	250	250	101
1965	7.6	7.8	301	274	276	255	243	243	243	97
1966	9.5	8.8	340	300	310	290	283	283	283	101
1967	7.9	8.2	324	317	315	235	279	279	279	103
1968	7.4	7.3	302	282	282	201	272	272	272	99
1969	9.9	9.4	312	298	302	215	285	285	285	95
1970	10.9	10.0		326	324	233				98
1971										

^{1/} Includes available data for Alaska and Hawaii beginning in 1961. ^{2/} Weights are as follows: Preceding November 1; preceding December 2; January 3; February 4; March 5; April 3; May 1. ^{3/} For farm flock replacement; excluding specialized broilers, but including broiler breeder stock. ^{4/} One-half of reported hatch of egg-type chicks plus pullet chicks placed domestically for broiler hatchery supply flocks. ^{5/} Laying and not yet laying. *Prior to January 1968, poultry feed was reported in number of pounds; beginning January, 1968 laying feed replaced poultry feed and is reported in number of tons.

Table 9 . --Egg-type replacement hatch, by quarters, 1956-70

Year	First quarter	Second quarter	Third quarter	Fourth quarter	Year
- - - - Million - - - -					
1956	136.4	151.4	22.3	23.9	334.0
1957	97.9	123.8	17.2	20.4	259.4
1958	104.3	142.8	24.8	26.4	298.2
1959	107.5	121.3	20.6	21.0	270.5
1960	66.6	120.4	25.9	26.9	239.8
1961	86.2	111.7	32.1	32.9	262.9
1962	73.7	109.6	34.0	33.7	251.0
1963	72.5	109.3	39.7	35.9	257.4
1964	74.0	107.0	43.7	39.5	264.2
1965	63.9	94.5	45.3	40.8	244.5
1966	71.1	106.0	53.2	54.4	284.7
1967	76.1	95.2	52.3	43.8	267.4
1968	62.9	83.3	55.8	55.1	257.2
1969	66.0	83.6	58.8	56.5	264.9
1970	78.3	92.4	56.8		

Table 10 . --Pullets placed for broiler hatchery supply flocks, by quarters, 1956-70

Year <u>1/</u>	First quarter	Second quarter	Third quarter	Fourth quarter	Year
- - - - Million - - - -					
1956	7.0	8.1	5.5	5.6	26.2
1957	6.4	8.0	5.0	6.5	25.9
1958	7.0	10.0	7.9	6.5	31.4
1959	7.3	8.8	5.5	5.3	26.9
1960	6.1	10.0	6.6	6.2	28.9
1961	7.9	10.0	6.7	5.2	29.8
1962	7.8	7.8	7.2	6.1	28.9
1963	6.9	10.3	6.9	6.3	30.4
1964	7.9	8.2	7.8	6.6	30.5
1965	8.3	10.1	7.6	7.9	33.9
1966	9.5	11.6	9.8	8.8	39.7
1967	9.2	10.5	8.4	8.3	36.5
1968	8.6	10.3	8.8	9.3	36.9
1969	9.3	10.9	9.0	9.6	38.9
1970	10.0	10.9	8.9		

1/ Additional coverage beginning in 1964 accounted for approximately 4 percent more pullets than previous years.

Table 11.--Pullet chicks placed for laying flocks, by months,
1964-68 average and 1967-70 1/

Month	1964-68 average	1967	1968	1969	1970
<u>Millions</u>					
January	19.6	22.5	19.2	22.0	26.0
February	23.3	26.1	22.1	23.0	26.8
March	35.4	36.7	30.2	30.4	35.6
April	41.7	40.7	34.8	33.6	38.5
May	38.2	37.4	32.7	33.8	35.9
June	27.4	27.6	26.1	27.1	29.0
July	20.1	19.7	21.4	23.1	25.5
August	19.0	20.7	21.4	22.0	17.6
September	19.4	20.3	21.9	22.7	22.6
October	19.6	19.1	23.1	23.2	
November	17.8	16.8	21.0	20.3	
December	17.5	16.2	20.1	22.6	
Total	299.1	303.9	294.1	303.8	

1/ One-half egg-type chick hatched plus pullet chicks placed domestically
for broiler hatchery supply flocks by leading breeders.

Table 12.--Layers: Average number on hand during the year,
by State, by region and for the U.S., selected years

State and region	1950	1955	1960	1965	1966	1967	1968	1969
Thousands								
Maine	3,171	3,303	3,497	4,537	4,797	5,133	5,384	5,831
New Hampshire	2,466	2,123	1,551	1,609	1,700	1,676	1,668	1,559
Vermont	932	956	735	599	576	558	540	588
Massachusetts	4,658	3,366	2,968	2,521	2,425	2,417	2,284	2,363
Rhode Island	525	385	359	370	366	363	351	340
Connecticut	3,436	3,267	3,079	3,677	3,828	3,840	3,868	4,084
New York	12,302	10,513	8,851	10,433	10,670	10,789	10,900	10,487
New Jersey	12,318	12,899	10,409	6,765	5,957	5,538	4,611	4,139
Pennsylvania	19,189	18,418	16,326	15,529	14,665	14,228	14,248	14,720
North Atlantic	58,997	55,230	47,775	46,040	44,984	44,542	43,854	44,111
Ohio	15,141	12,180	11,593	10,814	10,193	10,480	9,753	9,468
Indiana	14,442	11,654	11,413	11,363	11,120	11,668	13,105	12,812
Illinois	18,838	15,733	11,497	8,435	8,313	8,611	8,311	8,232
Michigan	9,530	8,698	6,860	6,895	6,939	7,103	6,656	6,188
Wisconsin	13,772	11,638	9,212	6,664	6,269	6,121	5,611	5,109
East North Central	71,723	59,903	50,575	44,171	42,834	43,983	43,436	41,809
Minnesota	23,814	21,289	16,143	11,700	10,584	10,770	9,852	9,329
Iowa	27,582	23,426	21,752	17,085	15,840	14,890	13,356	12,782
Missouri	17,440	11,678	8,835	6,530	6,366	6,529	6,517	6,411
North Dakota	3,508	3,151	2,268	1,600	1,522	1,522	1,349	1,147
South Dakota	7,610	6,689	7,110	6,290	6,166	6,172	5,154	4,656
Nebraska	11,521	9,239	8,843	6,307	5,698	5,896	5,246	4,964
Kansas	12,410	8,909	6,572	4,489	4,378	4,327	4,063	3,963
West North Central	103,885	84,381	71,523	54,001	50,554	50,106	45,537	43,252
Delaware	874	671	677	632	625	609	605	610
Maryland	3,131	2,246	1,646	1,579	1,496	1,490	1,588	1,600
Virginia	7,008	4,869	5,441	5,060	5,014	5,142	5,058	5,096
West Virginia	3,110	2,252	1,983	1,536	1,545	1,545	1,543	1,482
North Carolina	8,799	8,143	9,894	12,418	12,714	13,320	13,840	15,342
South Carolina	3,305	2,852	3,898	4,525	4,977	5,440	5,286	5,078
Georgia	5,688	6,325	10,652	18,792	21,298	22,684	23,337	24,705
Florida	2,502	2,793	4,720	7,714	8,634	9,457	10,330	11,066
South Atlantic	34,417	30,151	38,911	52,256	56,303	59,687	61,587	64,979
Kentucky	8,404	6,276	4,989	3,416	3,308	3,365	3,300	3,121
Tennessee	7,680	6,016	5,228	5,031	5,103	5,892	5,721	5,464
Alabama	5,366	4,566	6,472	10,424	11,058	11,993	12,256	12,538
Mississippi	5,222	3,754	6,246	10,048	10,860	11,344	11,362	11,194
Arkansas	5,425	3,401	4,901	11,080	12,489	14,158	15,033	15,444
Louisiana	3,073	2,358	2,803	3,560	3,789	3,851	3,781	3,884
Oklahoma	7,578	4,707	3,274	2,578	2,498	2,583	2,522	2,701
Texas	18,684	12,972	12,599	12,759	13,248	14,093	13,838	12,667
South Central	61,432	44,050	46,512	58,896	62,353	67,279	67,813	67,013
Montana	1,536	1,196	1,022	867	881	940	986	1,019
Idaho	1,666	1,376	1,218	981	960	983	899	830
Wyoming	634	409	296	228	213	198	196	195
Colorado	2,638	1,819	1,411	1,121	1,174	1,462	1,493	1,490
New Mexico	874	624	698	682	709	700	722	858
Arizona	549	474	752	988	1,063	1,149	1,125	1,064
Utah	2,416	1,882	1,394	1,070	1,260	1,289	1,294	1,266
Nevada	161	110	72	44	42	39	34	23
Washington	4,148	3,905	4,564	4,663	4,421	4,758	4,694	4,422
Oregon	3,302	2,940	2,679	2,196	2,265	2,226	2,457	2,305
California	19,970	20,847	25,260	32,599	34,233	36,667	37,833	37,740
West	37,894	35,582	39,366	45,439	47,221	50,411	51,733	51,212
48 States	368,348		294,662	300,803	304,249	316,008	313,960	312,376
Alaska				41	44	42	32	28
Hawaii				843	849	912	961	939
United States				301,687	305,142	316,962	314,953	313,343

Table 13.--Layers and potential layers, October 1 and following
January 1, 1960 to date

Year	October 1					Mature chickens slaughtered under Federal inspection Oct.-Dec.	Flock re- placement pullets hatched in June-Oct.
	Layers			Pullets not yet laying	Potential layers 1/		
	Hens	Pullets	Total				
	Millions	Millions	Millions	Millions	Millions	Millions	Millions
Reported:							
1960 2/	169	122	291	93	383	41	69
1961	154	147	301	88	389	41	73
1962	162	140	302	89	391	44	78
1963	161	139	300	96	396	46	85
1964	161	144	305	101	407	47	95
1965	170	133	304	74	378	42	96
1966	168	143	312	85	397	46	116
1967	165	157	321	78	400	47	107
1968	180	133	313	68	381	41	114
1969	170	144	314	71	385	37	118
1970	164	158	322	75	397		5/109
Change from year before 3/							
1960 4/	9	-25	-16	8	-8	1	17
1961 4/	-15	26	11	-5	6	6/	4
1962	8	-7	1	2	2	3	5
1963	-1	-1	-2	7	6	2	7
1964	6/	5	5	5	10	6/	10
1965	9	-11	-2	-21	-29	-4	1
1966	-2	10	13	20	20	4	20
1967	-3	14	10	-10	3	1	-9
1968	15	-24	-7	-6	-17	-5	7
1969	-10	11	1/	3	4	-5	4
1970	6	14	8	4	12		-8
January 1 following year							
	Layers			Pullets not yet laying	Potential layers		
	Hens	Pullets	Total				
	Millions	Millions	Millions	Millions	Millions	Millions	Millions
Reported:							
1960 2/	127	193	319	32	352		
1961	133	176	309	38	348		
1962	132	183	315	44	359		
1963	136	174	310	47	357		
1964	137	173	310	54	364		
1965	137	176	313	36	349		
1966	143	166	309	37	346		
1967	138	187	325	44	369		
1968	139	190	329	45	374		
1969	141	175	317	47	363		
1970	140	186	326	49	375		
Change from year before 3/							
1960 4/	6	-7	-11	-4	-15		
1961 4/	7	-17	-10	6	-4		
1962	-2	7	6	5	11		
1963	4	-10	-5	4	-1		
1964	1	-1	6/	7	6		
1965	-1	4	3	-18	-14		
1966	6	-10	-4	1	-3		
1967	-5	21	16	7	23		
1968	1	3	4	6/	5		
1969	2	15	-13	2	-11		
1970	-1	11	10	2	12		

^{1/} Layers plus pullets not yet laying. ^{2/} Data for 48 States. ^{3/} Computed from unrounded data. ^{4/} Based on data for 48 States. ^{5/} Partly estimated. ^{6/} Less than .05.

Table 14.--Changes from the preceding year in selected broiler industry statistics, 1963 to date ^{1/}

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Percent												
Pullet chicks placed for broiler hatchery supply flocks 7-14 months earlier												
1963	-12	-11	-10	-8	-6	-3	-1	2	7	8	9	8
1964	8	7	6	7	8	9	8	5	3	1	-2	-5
1965	-6	-5	-5	-6	-7	-6	-3	2	4	5	7	10
1966	12	11	10	9	9	10	10	10	10	11	12	14
1967	16	17	18	18	20	20	20	20	17	10	6	0
1968	-4	-7	-8	-10	-12	-11	-10	-13	-19	-8	-6	-5
1969	-4	-3	-2	-1	1	3	5	6	8	7	8	8
1970	9	8	7	6	6	6	4	4	4	5	4	4
1971	3	2	2									
Broiler chick placements in 22 or 23 States ^{2/} advanced 2 months to expected marketing month												
1963	18	10	4	-1	0	2	6	7	5	2	0	1
1964	4	6	6	5	3	1	-1	1	4	5	5	4
1965	2	3	5	6	7	7	9	11	11	13	13	14
1966	13	14	14	12	10	9	9	8	8	10	11	11
1967	8	3	2	3	4	2	0	-1	1	-1	-3	-4
1968	-3	0	1	-2	-3	-1	1	1	1	0	2	4
1969	6	4	5	6	8	8	8	7	7	9	11	9
1970	11	9	13	12	10	9	8	6	6	2	-1	
1971												
Broiler prices received by U.S. producers												
1963	-7	-6	-2	2	3	1	-3	-8	-9	-6	-3	-3
1964	-7	-7	-10	-9	-7	-3	0	3	3	2	1	1
1965	4	6	8	10	11	10	7	2	0	0	2	7
1966	9	10	8	8	5	5	3	3	-1	-4	-10	-13
1967	-13	-13	-12	-17	-16	-15	-14	-14	-13	-12	-8	-7
1968	-4	-2	0	5	8	10	11	12	10	10	10	11
1969	7	5	4	3	3	2	8	12	13	11	7	3
1970	-1	-2	-5	-7	-11	-16	-19	-19	-16			
1971												
Prices paid to commercial hatcheries for broiler-type chicks ^{2/}												
1963	11	10	12	14	13	6	0	-6	-8	-8	-8	-9
1964	-11	-13	-14	-13	-10	-5	-4	-3	-4	-4	-1	4
1965	10	15	18	21	19	16	11	6	0	-3	-5	-3
1966	-1	0	1	2	5	7	8	9	9	6	1	-5
1967	-7	-16	-19	-22	-22	-21	-21	-23	-24	-21	-17	-11
1968	-6	3	10	15	17	15	15	17	21	21	21	19
1969	17	12	8	4	-1	-2	1	4	5	6	6	5
1970	5	3	0	0	-3	-7	-14	-20	-23			
1971												
Prices paid to Georgia producers for hatching eggs												
1963	21	24	31	35	29	15	5	-1	-1	-1	-3	-8
1964	-14	-18	-18	-17	-13	-8	-12	-11	-11	-4	-1	4
1965	9	13	15	16	14	10	6	2	-2	-3	-3	-1
1966	0	0	0	1	3	5	5	7	7	5	0	-4
1967	-8	-11	-12	-13	-13	-13	-13	-14	-15	-13	-10	-7
1968	-3	2	6	8	9	8	9	11	13	14	14	13
1969	11	8	6	2	-2	-3	-2	0	0	0	1	0
1970	2	1	-1	0	0	-2	-8	-13	-16			
1971												

^{1/} Fluctuations in monthly data reduced by the use of 3-month moving averages.^{2/} U.S. average prices 1963 through November 1964 and Georgia price thereafter.

Table 15.--Weekly broiler chick placements in 22 States related to 1969 and 1970 U.S. broiler production

State	Data related to 1969 broiler production					Data related to 1970 broiler production				
	Weekly broiler chick placements					Weekly broiler chick placements				
	Last 9 weeks of 1968	First 43 weeks of 1969	1968-69 total	Broiler production: 1969	Production as a percent of advanced placements	Last 9 weeks of 1969	First 43 weeks of 1970	1969-70 total	:1969-70 percent of total	:1968-69 total
	Millions	Millions	Millions		Percent	Millions	Millions	Millions	Percent	Percent
Maine	11.9	63.1	75.1	72.9	97	13.5	67.0	80.5	107	
Connecticut	1.0	5.9	6.9	6.7	97	1.3	5.1	6.4	93	
Pennsylvania	7.9	42.6	50.5	49.0	97	9.5	48.0	57.4	114	
Indiana	3.0	11.5	14.5	13.9	96	2.3	11.3	13.6	94	
Missouri	3.3	19.1	22.4	21.8	97	3.7	21.9	25.6	114	
Delaware	21.2	118.3	139.5	133.5	96	25.2	117.6	142.8	102	
Maryland	28.9	153.5	182.4	174.3	96	34.5	164.2	198.6	119	
Virginia	10.1	55.2	65.3	63.5	97	12.5	60.3	72.9	112	
West Virginia	2.5	14.5	17.0	16.5	97	3.1	14.8	17.9	115	
North Carolina	42.6	245.4	288.0	280.6	98	52.7	271.5	324.1	113	
South Carolina	3.2	21.6	24.8	24.2	97	4.2	24.5	28.7	116	
Georgia	76.4	379.2	455.6	442.2	97	75.6	395.6	471.1	103	
Florida	6.0	34.5	40.5	38.7	96	7.8	38.5	46.3	114	
Tennessee	8.1	39.5	47.6	46.1	97	8.3	43.1	51.4	108	
Alabama	57.6	307.1	364.7	352.7	97	62.2	332.4	394.7	108	
Mississippi	36.7	195.2	231.9	221.0	95	40.0	224.8	264.8	114	
Arkansas	62.2	361.2	423.4	414.6	98	73.8	394.9	467.8	110	
Louisiana	7.8	40.1	47.9	46.7	97	8.8	43.4	52.2	109	
Texas	27.9	149.1	177.0	170.6	96	30.5	164.5	195.0	110	
Washington	3.2	19.2	22.5	21.4	95	3.6	19.1	22.7	101	
Oregon	2.3	12.9	15.2	14.7	96	2.3	13.8	16.1	106	
California	13.0	67.5	80.4	76.8	95	14.8	77.9	92.7	115	
Total 22 States	437.0	2,356.2	2,793.1	2,702.6	97	490.1	2,553.3	3,043.4		
U.S. total				2,788.2						

Table 16. --Export payments on chicken to Switzerland and Greece, 1968-70

Month and Year	Amount covered		Price range		Cost of program		Total Cost	
	Switzerland	Greece	Necks and giblets		Switzerland	Greece		
	Monthly: Cumulative	Monthly: Cumulative	With : Without:	Monthly: Cumulative	Monthly: Cumulative	Monthly: Cumulative	Monthly: Cumulative	Monthly: Cumulative
	1,000 pounds		Cents per pound		1,000 dollars			
<u>1968</u>								
May	480	480	16.50	17.50	81.6		81.6	81.6
June	2,040	2,520	16.50	18.00	356.2		356.2	437.7
July	446	2,746	17.00	18.00	76.1		76.1	476.5
August	2,260	5,006	16.50	18.00	386.6		386.6	863.1
September	641	5,647	16.50	17.50	106.8		106.8	969.8
October	1,168	6,815	13.50	14.75	164.2		164.2	1,134.1
November	575	7,390	14.25	14.75	84.3		84.3	1,218.4
December	878	8,268	15.50	16.75	144.4		144.4	1,362.8
<u>1969</u>								
January	2,057	2,057	15.50	17.00	336.1		336.1	336.1
February 1/								
March	630	2,687	16.50	17.90	111.0		111.0	447.0
April	1,569	4,256	15.75	17.90	266.9		266.9	713.9
May	3,029	7,285	16.25	18.00	534.9		534.9	1,248.8
June	1,698	8,983	16.75	18.00	296.4		296.4	1,545.2
July	1,913	10,896	17.00	18.00	336.6		336.6	1,881.7
August	608	11,504	16.25	18.00	106.0		106.0	1,987.7
September	745	12,249	17.00	18.00	131.5		131.5	2,119.2
October	462	12,711	16.50	17.75	79.7		79.7	2,198.9
November	352	13,063	15.00	17.50	58.6		58.6	2,257.6
December	674	13,737	13.30	16.45	101.0		101.0	2,358.6
<u>1970</u>								
January	347	347	11.75	15.40	50.8		50.8	86.8
February	166	513	10.00	14.45	22.0		38.0	60.0
March	1,052	1,565	8.95	14.40	145.0		19.0	164.0
April	2,520	4,085	7.50	15.20	336.3		58.0	394.3
May	2,244	6,329	7.75	14.35	302.0		10.0	312.0
June	3,667	9,996	7.00	15.25	491.1		4.9	1,017.1
July	798	10,794	8.00	13.90	105.0		14.0	1,513.1
August	1,003	11,797	6.00	14.60	133.0		7.0	1,632.1
September	520	12,317	6.30	15.90	71.0		23.0	1,772.1
October	1/	12,317	7.40		1/		94.0	1,866.1
November							8.0	1,874.1
December								

1/ No acceptable orders received.

Table 17.--Turkeys for breeding on January 1: Farmers' intentions and reported numbers, 15 important States, 1969 to date

State	Heavy breeds							
	Intentions-Percentage			Breeder's on hand as of January 1, 1970				
	of year before 1/			Number			Percentage of	
	1969	1970	1971	1968	1969	1970	1969	1970
New York	75	100	100	12	11	13	92	118
Pennsylvania	105	86	92	25	29	24	116	83
Ohio	55	2/	2/	140	98	106	70	108
Michigan	90	105	100	82	91	100	111	110
Wisconsin & Minnesota	97	104	113	381	363	386	95	106
Iowa	98	83	98	132	127	121	96	95
Missouri	110	2/	135	171	164	175	96	107
Virginia	114	115	110	45	40	42	89	105
South Carolina	107	105	100	78	83	91	106	110
Oklahoma	2/	2/	2/	2/	2/	---	2/	---
Texas	112	2/	121	370	448	452	121	101
Washington	82	82	106	22	20	18	91	90
Oregon	2/	2/	2/	3/	3/	3/	3/	3/
California	109	100	100	726	653	718	90	110
Total 15 States	104	100	109	2,184	2,127	2,246	97	106
	Beltsville and other light breeds							
New York	---	---	---	---	---	---	---	---
Pennsylvania	33	100	71	7	7	7	100	100
Ohio	25	2/	2/	1	1	5	100	500
Michigan	85	100	100	7	6	7	86	117
Wisconsin & Minnesota	101	95	108	162	161	131	99	81
Iowa	100	---	80	3	---	5	---	---
Missouri	75	2/	100	10	5	10	50	200
Virginia	95	90	115	57	46	41	81	89
South Carolina	---	---	---	---	---	---	---	---
Oklahoma	2/	2/	2/	3/	3/	---	---	---
Texas	33	2/	245	3	1	11	33	1,100
Washington	---	---	---	0	---	0	---	0
Oregon	2/	2/	2/	3/	3/	3/	3/	3/
California	100	138	110	14	16	30	114	188
Total 15 States	97	109	119	264	243	247	92	102

1/ Farmers' September intentions to hold turkey breeders at beginning of following year as a percentage of a year earlier.

2/ Not shown to avoid disclosing individual operations. Included in 15 State total.

3/ Numbers for heavy and light breeds not shown separately to avoid disclosing individual operations.

Table 18.--Turkeys: Monthly hatchings, by breed type, advanced to indicate prospective month of marketing, 48 States, 1966 todote

Month of marketing	Light breeds advanced 4 months				Heavy breeds				All turkeys: sum of preceding columns *			
	Hens advanced 5 months		Toms advanced 6 months		Hens advanced 5 months		Toms advanced 6 months					
	1966	1967	1968	1966	1967	1968	1966	1967		1968		
	Million											
January	0.7	1.4	1.2	1.2	0.8	1.1	4.1	3.9	4.2	6.0	6.1	6.5
February	0.9	1.4	1.1	0.6	0.4	0.6	1.2	0.8	1.1	2.6	2.5	2.8
March	0.7	1.2	0.9	0.8	0.5	0.8	0.5	0.4	0.6	1.6	2.1	2.3
April	0.9	1.1	0.9	0.9	0.8	0.9	0.4	0.5	0.8	1.9	2.4	2.6
May	1.1	1.1	0.8	1.2	1.8	1.2	0.6	0.8	0.9	2.8	3.6	3.0
June	0.9	1.0	0.7	2.1	3.7	2.1	1.1	1.8	0.9	4.4	6.4	4.0
July	1.2	1.1	0.9	4.1	6.5	4.1	2.4	3.7	1.2	8.6	11.3	7.1
August	1.5	1.0	1.2	8.4	10.9	8.4	5.1	6.5	4.1	16.6	18.4	13.7
September	1.9	1.3	1.3	9.5	11.1	9.5	10.0	10.9	8.4	23.0	23.3	19.2
October	2.1	2.0	1.9	10.0	11.3	10.0	11.1	11.1	9.5	23.4	24.3	21.4
November	2.6	2.5	2.2	7.9	8.8	7.9	11.3	11.3	10.0	22.2	22.6	20.1
December	1.9	2.3	1.6	4.0	4.2	4.0	8.3	8.8	7.9	14.1	15.4	13.5
	1969	1970	1971	1970	1969	1971	1969	1970	1971	1969	1970	1971
January	1.0	0.9	1.0	1.2	0.9	1.7	4.0	4.1	4.8	6.0	6.2	7.5
February	1.0	0.8		0.4	0.5	0.8	0.9	1.2	1.7	2.5	2.4	
March	0.8	0.9		0.5	0.6		0.5	0.4	0.8	1.9	1.7	
April	0.6	1.0		0.7	0.7		0.6	0.5		2.0	2.2	
May	0.7	0.9		1.5	1.1		0.7	0.7		2.6	3.1	
June	0.6	0.7		2.6	4.7		1.1	1.5		4.3	5.5	
July	0.8	0.9		5.4	9.1		2.6	3.3		8.1	9.7	
August	1.0	1.0		8.6	10.2		4.7	5.4		14.3	15.5	
September	1.0	1.2		9.8	10.2		8.6	9.1		19.4	20.5	
October	1.3	1.3		9.8	10.2		9.8	10.2		21.0	21.6	
November	1.6	1.7		7.7	8.1		9.8	10.2		19.2	19.9	
December	1.3	1.4		4.1	4.8		7.7	8.1		13.1	14.3	

*Detail may not add exactly to totals due to rounding.

Table 19,--Turkey hatchery operations, United States and 10 States reporting weekly, January 1969 to date

Month	United States				10 States ^{1/}							
	Hatch		Change from year earlier		Period ^{2/}		Hatch		Egg settings advanced 4 weeks			
	1969	1970	Hatch	Eggs in incubators first of month	4 - Jan.	1 - Feb.	1 - Mar.	29 - May	31 - June	28 - Aug.	2 - Aug.	30 - Oct.
	Thousands	Thousands	Percent		Thousands	Thousands	Thousands	Percent	Thousands	Thousands	Percent	Thousands
January	5,925	7,552	27	27	:Jan.	4 - Jan. 31:	3,573	4,843	36	5,475	7,117	30
February	10,009	11,556	15	10	:Feb.	1 - Feb. 28:	6,591	7,813	19	10,471	11,715	12
March	18,016	19,105	6	2	:Mar.	1 - Mar. 28:	11,540	11,998	4	17,693	17,875	1
April	20,685	21,462	4	1	:Mar.	29 - May 2:	16,091	16,867	5	25,252	25,945	3
May	20,703	21,460	4	2	:May	3 - May 30:	13,037	13,732	5	21,720	22,017	1
June	16,801	17,360	3	2	:May	31 - June 27:	11,337	11,805	4	20,069	20,533	2
July	9,738	11,250	16	8	:June	28 - Aug. 1:	7,051	8,172	16	15,717	17,753	13
August	3,657	4,834	32	33	:Aug.	2 - Aug. 29:	2,144	2,911	36	4,050	5,510	36
September	1,618	2,599	61	62	:Aug.	30 - Oct. 3:	1,110	1,822	64	1,917	3,110	62
October	1,739			59	:Oct.	4 - Oct. 31:				1,177	2,124	80
November	2,382				:Nov.	1 - Nov. 21:				1,127	1,928	71
December	3,996				:							

^{1/} The 10 States are California, Iowa, Missouri, Ohio, Oregon, South Carolina, Texas, Virginia, Minnesota and Wisconsin.

^{2/} Weeks of 1970 and corresponding weeks of 1969.

Table 26.—Selected poultry and egg statistics 1/

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Tables 18-23.—Egg Prices: Average price per dozen at mid-month for shell eggs and per pound for frozen egg products													
United States, received by farmers													
1968	31.8	30.3	30.6	29.0	27.3	30.5	32.9	34.3	43.0	37.8	39.1	42.2	34.0
1969	43.5	39.1	39.8	36.7	33.4	31.4	37.7	36.2	40.7	40.4	49.2	54.7	40.6
1970	53.1	47.3	42.5	35.1	29.9	30.5	36.7	33.0	38.8	33.2			
Grade A large eggs in retail stores in urban areas 2/ 3/													
1968	47.3	49.5	47.8	49.8	45.4	46.5	49.3	55.0	60.7	64.3	56.9	62.2	52.9
1969	66.4	64.1	60.1	60.8	53.9	51.3	53.0	63.4	63.0	63.4	67.8	77.9	62.1
1970	79.2	78.0	67.8	57.3	54.1	50.8	58.2	57.1	62.0				
Chicago, weighted average prices, delivered white, 60 percent A													
Large													
1968	35.96	30.34	32.92	29.66	28.76	35.69	37.78	40.63	54.59	41.46	45.75	48.23	38.48
1969	45.57	42.60	39.85	36.77	33.66	34.17	44.20	38.59	47.60	46.32	60.33	64.20	46.06
1970	63.07	50.52	49.71	37.55	32.00	35.11	48.20	38.65	47.68	34.94			
Medium													
1968	30.00	27.28	27.42	23.99	23.99	14/	31.00	33.63	43.95	32.06	40.34	45.28	33.49
1969	46.93	35.66	37.27	35.72	29.66	27.27	36.39	35.67	39.80	42.28	57.23	61.00	40.12
1970	54.52	43.73	43.56	32.75	25.00	26.32	32.94	28.52	34.89	27.17			
Georgia, prices received by producers 4/													
Grade A, large													
1968	37	28.5-27.5	29	23-24	23-24	29.5-32	33-36	36.5-37	50-51	39-40	41-42	41-42	35.00
1969	45.5-46.5	38-39	41.5-42	33.5-34.5	27-28	30-31	41-43	34-34.5	43.5-45	39.5	52-53	55-55.5	40.00
1970	50-52	46-46.5	42	31.5	25-25.5	29	39.5	29.5-30	42	29-30			
Georgia, received by producers 4/													
Grade A, medium													
1968	28	24	25.5	20-21	19.5	22.5-26.5	27.5-30	25-26.5	41-42	31-32	37	31	28.68
1969	43.5	34-34.5	34	31.5-32	20-21	18-19	29-30	25-26.5	35.5-36	37	51-51.5	55-55.5	34.26
1970	51-52	43-43.5	38.5	27.5	18-19	20	28	22-22.5	30-31	20-21			
Iowa, received by farmers 4/													
Buyer quality and volume incentive													
Large													
1968	26.5-29	24.5-26.5	26-28	27.5-31	20.5-24	28.5-32	31-33	35-36.5	47-49	34-37	39-40	40-42	32.73
1969	42.5-44.5	36-38	34.5-39.5	32.5-33.5	24.5-26.5	26-29.5	40-42.5	33-34	42.5-44.5	38.5-40	49-54.5	56-58	39.42
1970	55-57	44-46	41.5-42.5	28.5-30	22-24	26.5-28	37-38	28.5-30	30-41	27-28			
Medium													
1968	23-24.5	20.5-24	21.5-22.5	21.5-22.5	16.5-19	21-23	25.5-27	26.5-29	36-39	26-28	34-36	37-38	26.90
1969	40.5-42.5	29.5-31.5	27.5-29.5	27.5-29.5	16.5-18.5	19-21.5	28-31	25-30	32-33	35-36	47-51	52-54	32.94
1970	48-50.5	36-40	33.5-36	22.5-25	14-19	16-19	24-26	19.5-21.5	25-27.5	17-21			
Los Angeles, delivered to retailers, cartonized, Grade AA													
Large													
1968	37.43	26.42	34.40	30.36	31-37	31.5-36.5	36.41	37.40	46-49	43-46	42-45	49-52	39.58
1969	49-52	45-48	46-49	40-43	33-36	36-39	46-49	42-45	49-52	46-49	56-59	63-66	47.42
1970	61.64	60-63	51-54	41-44	35-38	38-41	47-50	40-43	42-45	40-43			
Medium													
1968	36.40	33-37	32-36	28-32	28-32	27.5-31.5	32-37	33-36	40-43	39-42	39-42	46-49	36.29
1969	46.49	43.44	43.46	37-40	27-30	32-35	40-43	36-39	42-45	43-46	53-56	61-64	43.29
1970	59.62	55-58	44-47	37-40	31-34	32-35	40-43	34-37	37-40	34-37			
Tables 24-27.—Egg Prices: Monthly average price per dozen for shell eggs and per pound for frozen egg products													
New York, wholesale prices, white													
Large, 75 percent A 4/													
1968	32.39	30.05	29.88	26.53	33.35	33.35	38.40	41.35	51.45	40.84	44.47	48.42	37.46
1969	49.67	42.40	46.01	33.93	35.39	35.39	47.25	43.55	49.20	47.42	60.10	64.33	46.64
1970	61.61	52.72	47.96	31.72	33.97	33.97	43.00	40.06	46.25				
Medium													
1968	29.53	27.17	28.63	22.49	25.88	25.88	31.47	32.80	45.25	35.52	40.47	45.26	32.50
1969	47.35	38.72	39.36	25.74	25.74	25.74	34.63	36.54	41.30	43.75	57.37	60.98	57.42
1970	57.35	47.72	41.89	24.48	26.76	26.76	31.53	29.61	34.66				

See footnotes on page 34.

Continued—

Table 20.—Selected poultry and egg statistics 1/—Continued

Item	Data in—	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Frozen egg														
Monthly average price per dozen for shell eggs and per pound for frozen egg products—Continued														
Tables 24-27.—Egg Prices:														
Whole egg, light colored	Cents	21.86	21.45	22.17	22.29	22.19	23.48	23.82	23.53	24.69	26.68	27.29	27.14	23.88
1968	Cents	27.33	27.29	27.53	27.31	26.39	25.04	26.92	28.44	31.16	35.15	40.81	41.76	30.49
1969	Cents	38.90	34.85	28.71	24.85	24.13	24.55	25.50	25.08	25.08				
1970	Cents													
White														
1968	Cents	11.50	11.50	11.72	11.92	11.92	12.13	12.65	13.98	14.41	16.36	16.78	16.71	13.46
1969	Cents	16.99	17.03	17.32	16.76	16.65	17.47	18.99	21.30	21.30	22.77	26.06	27.38	19.64
1970	Cents	26.24	23.78	19.60	16.59	15.91	15.46	16.30	15.85	16.55				
Yolks, light colored, sugared, 43 percent solids														
1968	Cents	38.44	38.00	38.31	37.79	37.57	39.08	39.92	39.67	41.20	44.76	46.08	46.56	40.62
1969	Cents	47.16	46.66	45.47	44.40	42.75	42.39	43.91	45.46	50.04	54.83	60.26	61.51	48.74
1970	Cents	58.49	54.03	47.65	41.79	40.88	40.84	42.59	42.10	43.72				
Tables 28-33.—Average broiler prices per pound														
Liveweight														
United States, at farm														
1968	Cents	13.4	14.9	14.6	14.1	14.6	15.0	15.5	14.9	13.9	12.7	13.5	13.5	14.2
1969	Cents	14.1	14.9	15.1	14.7	15.5	15.9	17.5	16.5	15.7	14.8	14.4	13.6	15.2
1970	Cents	14.8	14.3	14.8	13.7	13.9	13.3	13.6	13.2	13.4	12.8			
Ready-to-cook weight														
9-city weighted average 5/														
1968	Cents	25.64	28.11	27.96	27.33	27.57	28.14	29.01	28.19	27.62	25.08	25.73	25.73	27.15
1969	Cents	27.14	28.41	28.90	28.36	29.63	30.21	32.78	30.99	29.63	28.39	27.41	27.56	29.06
1970	Cents	28.64	27.36	27.78	26.60	26.80	26.62	26.05	25.50	26.46	24.90			
Frying chickens in retail stores in urban areas 2/ 3/														
1968	Cents	38.0	38.0	41.5	40.6	39.7	39.9	39.9	40.9	41.3	39.9	39.2	39.2	39.8
1969	Cents	39.1	40.0	41.1	42.2	40.8	42.7	44.4	44.5	44.7	42.5	42.8	42.1	42.2
1970	Cents	42.8	42.3	41.5	40.9	40.9	41.2	41.5	40.3	39.4				
Chicken breasts, in retail urban areas 2/ 6/														
1968	Cents	67.7	67.8	70.5	69.8	69.3	69.2	69.4	70.3	71.2	70.8	69.9	70.0	69.7
1969	Cents	70.5	70.7	71.6	72.6	71.0	73.2	74.4	76.9	77.4	76.2	75.4	75.1	73.8
1970	Cents	74.9	75.5	75.4	74.7	74.6	74.0	73.8	74.2	73.3				
Broilers, delivered, trucklots (6.5 and plant, Grade A)														
Chicago														
1968	Cents	25.2	27.7	27.6	27.0	27.2	27.8	28.7	27.9	27.3	24.6	25.2	25.3	26.8
1969	Cents	28.6	27.9	28.5	28.1	29.3	29.9	32.4	30.6	29.3	24.6	27.0	26.1	28.7
1970	Cents	28.2	27.2	27.1	26.4	26.5	26.1	25.9	25.4	26.0	24.6			
New York														
1968	Cents	25.3	27.8	27.8	27.1	27.5	28.0	29.0	28.2	27.5	24.8	25.1	25.3	27.0
1969	Cents	27.4	28.2	28.7	28.2	29.2	30.0	32.6	30.7	29.8	24.2	29.2	26.0	28.8
1970	Cents	28.4	28.8	27.1	26.8	26.9	26.5	26.1	25.5	26.1	24.9			
Los Angeles														
1968	Cents	27.0	29.3	28.7	28.2	28.2	28.8	29.5	28.6	28.2	26.2	27.5	26.9	28.1
1969	Cents	28.0	29.6	29.7	29.2	31.0	31.1	33.8	32.1	29.9	29.4	28.4	29.8	30.2
1970	Cents	29.6	28.8	28.7	26.6	27.1	26.7	26.4	26.5	26.4	26.1			
Tables 34-39.—Average turkey prices per pound														
Liveweight														
United States, at farm et mid-month														
1968	Cents	18.4	18.0	18.2	18.7	18.6	19.5	19.8	20.2	20.7	21.1	21.4	21.1	20.5
1969	Cents	20.4	19.8	19.3	19.9	20.7	21.0	21.2	21.2	21.5	22.6	23.8	25.7	24.4
1970	Cents	24.8	24.9	25.6	24.9	23.9	23.3	22.2	22.1	22.6	22.0			
San Joaquin Valley														
Heavy-type young toms														
1968	Cents	—	—	—	—	18.5	19.2	19.1	19.2	19.5	19.5	19.4	19.3	19.2
1969	Cents	—	—	—	—	22.0	20.7	20.7	20.9	21.0	22.5	23.4	24.6	21.5
1970	Cents	24.1	—	—	—	24.6	24.4	20.4	21.4	20.8				

See footnotes on page 34.

Continued—

Table 20.—Selected poultry and egg statistics 1/ —Continued

Item	Date in—	Tables 34-39.—Average turkey prices per pound—Continued												Annual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Livestock—Continued														
San Joaquin Valley														
Heavy-type young hens														
1968	Cents	19.4	21.0	22.5	21.7	22.8	20.9	21.0	21.0	21.0	21.3	22.0	23.1	21.5
1969	Cents	—	21.0	22.5	21.7	22.8	20.9	21.0	21.0	21.0	21.3	22.0	23.1	21.5
1970	Cents	—	21.0	22.5	21.7	22.8	20.9	21.0	21.0	21.0	21.3	22.0	23.1	21.5
Virginia														
Prize-roasters														
1968	Cents	16.9	—	—	—	—	—	—	—	—	—	—	23.4	—
1969	Cents	—	—	—	—	—	—	—	—	—	—	—	—	—
1970	Cents	—	—	—	—	—	—	—	—	—	—	—	—	—
Iowa														
Heavy-type young toms														
1968	Cents	—	—	—	—	—	—	—	19.8	20.2	—	—	—	—
1969	Cents	—	—	—	—	—	—	—	—	20.8	21.8	22.6	—	—
1970	Cents	—	—	—	—	—	—	—	—	—	—	—	—	—
Heavy-type young hens														
1968	Cents	—	—	—	—	—	—	—	21.8	22.2	—	—	—	—
1969	Cents	—	—	—	—	—	—	—	—	22.9	24.6	25.4	—	—
1970	Cents	—	—	—	—	—	—	—	—	—	—	—	—	—
Ready-to-cook weight														
In Retail stores in urban areas 2/ 3/														
Turkeys														
1968	Cents	46.5	45.5	45.9	45.9	45.3	46.0	46.0	46.3	47.0	48.1	48.1	46.6	46.4
1969	Cents	47.7	47.4	47.4	44.3	46.8	48.0	48.3	49.7	50.3	50.9	52.2	52.3	48.8
1970	Cents	54.3	55.6	56.0	57.0	57.3	57.1	56.2	55.9	55.2	—	—	—	—
New York, wholesale, frozen														
Toms, heaviest weights quoted														
1968	Cents	35.1	34.8	34.8	35.0	35.6	37.5	40.0	40.2	40.5	39.3	38.4	36.9	37.3
1969	Cents	36.7	36.5	36.5	36.5	36.6	38.0	39.2	39.3	39.6	39.9	42.1	43.6	38.7
1970	Cents	44.8	47.0	49.1	49.9	50.4	50.8	50.6	50.5	49.5	43.1	—	—	—
Hens, 12 - 14 pounds														
1968	Cents	30.4	30.3	30.8	32.2	33.8	34.5	34.2	35.3	36.8	37.1	37.5	36.0	34.1
1969	Cents	34.2	32.8	31.8	34.2	36.3	37.6	37.2	37.0	39.4	42.4	44.1	49.4	38.0
1970	Cents	50.0	50.0	49.9	45.0	42.9	40.8	38.2	31.0	40.6	41.5	—	—	—
Chicago, wholesale, frozen														
Toms, heaviest weights quoted														
1968	Cents	34.1	33.7	33.5	33.5	33.8	35.3	38.1	38.7	39.0	38.2	37.3	36.8	36.0
1969	Cents	36.4	36.0	35.6	35.9	36.5	36.7	37.6	37.9	38.5	39.2	40.7	42.6	37.7
1970	Cents	43.8	45.4	47.0	47.8	48.1	49.5	49.0	48.5	48.5	43.0	—	—	—
Hens, 12 - 14 pounds														
1968	Cents	29.9	29.8	29.8	30.7	32.2	33.0	33.0	33.9	35.6	36.0	36.2	35.7	33.0
1969	Cents	34.2	31.2	32.4	31.3	34.6	36.7	36.5	36.2	37.9	41.6	42.7	47.3	37.0
1970	Cents	47.5	47.5	47.5	45.3	43.9	41.7	38.3	38.0	40.0	40.3	—	—	—

Tables 40-43.—Prices paid for broiler-type chicks, poults, broiler hatching eggs, feed and feed ingredients

Item	Date in—	Tables 40-43.—Prices paid for broiler-type chicks, poults, broiler hatching eggs, feed and feed ingredients												Annual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Broiler-type chicks per 100														
Georgia														
1968	Cents	8.52	8.88	9.06	9.00	9.00	9.00	9.00	9.31	9.50	9.35	9.44	9.75	9.15
1969	Cents	9.75	9.75	9.75	9.60	8.62	8.56	9.35	9.69	10.00	10.00	10.00	10.25	9.61
1970	Cents	10.25	10.12	9.88	9.25	8.75	8.06	7.85	7.75	7.50	7.62	—	—	—
Broiler hatching eggs per dozen														
Georgia														
1968	Cents	58.4	60.5	61.2	60.2	60.6	61.0	61.0	63.2	64.0	63.4	64.8	65.0	61.9
1969	Cents	65.0	65.0	65.0	63.8	61.4	57.5	61.4	62.8	64.0	64.0	65.8	67.0	63.2
1970	Cents	67.0	65.5	63.8	62.0	60.0	56.5	55.4	55.0	53.2	53.0	—	—	—
All poults each														
1968	Cents	56.3	56.5	56.9	56.6	57.7	57.3	55.8	52.0	50.6	50.3	51.4	52.7	54.5
1969	Cents	56.0	55.8	56.3	56.5	57.4	58.0	56.4	53.6	50.5	51.0	52.0	53.1	54.7
1970	Cents	54.9	55.4	55.8	57.1	56.9	56.9	56.3	54.7	53.0	54.6	—	—	—
Feed per ton														
Laying feed 8/														
1968	Cents	81.0	81.0	81.0	80.0	80.0	80.0	80.0	79.0	79.0	79.0	79.0	79.0	95.8
1969	Cents	80.0	79.0	79.0	79.0	80.0	80.0	80.0	81.0	81.0	80.0	80.0	81.0	96.0
1970	Cents	82.0	83.0	83.0	83.0	82.0	83.0	84.0	84.0	86.0	87.0	—	—	—

Notes on page 34.

Continued—

Table 20.—Selected poultry and egg statistics —Continued

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Tables 40-43.—Prices paid for broiler-type chicks, poults, broiler hatching eggs, feed and feed ingredients—Continued													
Feed per ton—Continued													
Broiler grower feed \$/													
1968.....	90.0	90.0	89.0	89.0	88.0	88.0	89.0	88.0	88.0	88.0	89.0	88.0	88.8
1969.....	88.0	88.0	89.0	90.0	92.0	92.0	92.0	92.0	92.0	90.0	90.0	91.0	90.3
1970.....	93.0	94.0	94.0	93.0	94.0	93.0	94.0	95.0	97.0	98.0			
Turkey grower feed \$/													
1968.....	87.0	88.0	87.0	88.0	87.0	87.0	87.0	86.0	86.0	86.0	85.0	86.0	87.2
1969.....	87.0	87.0	87.0	87.0	89.0	90.0	90.0	90.0	90.0	90.0	90.0	91.0	89.1
1970.....	93.0	94.0	92.0	92.0	93.0	93.0	93.0	94.0	97.0	96.0			
Corn, Chicago No 3 yellow (per bu.)													
1968.....	1.092	1.122	1.143	1.128	1.167	1.135	1.098	1.062	1.063	1.057	1.128	1.136	1.111
1969.....	1.176	1.160	1.153	1.203	1.298	1.239	1.272	1.280	1.194	1.161	1.152	1.154	1.208
1970.....	1.224	1.231	1.218	1.259	1.296	1.341	1.377	1.466	1.901	1.406			
Soybean meal, 44 percent, Decatur (per ton, bulk)													
1968.....	75.10	74.50	75.00	74.60	75.00	79.50	82.80	84.40	85.10	78.20	73.50	71.60	77.39
1969.....	67.80	69.90	72.60	73.30	76.10	77.50	76.70	76.90	75.40	75.40	69.90	82.90	74.53
1970.....	89.50	85.25	78.60	75.60	71.20	74.70	82.50	84.00	81.20	77.25			
Tables 44-46.—Number of layers on farms, rate of egg production, and total egg output on farms, 50 States													
Average for the month													
Number of layers on farms													
1968.....	327	323	321	317	312	308	306	307	310	315	317	317	315
1969.....	316	315	313	312	310	308	307	308	312	316	350	324	313
1970.....	324	322	320	318	314	312	312	313	318				
Eggs laid per 100 layers													
1968.....	1.831	1.744	1.915	1.888	1.946	1.860	1.889	1.837	1.747	1.801	1.741	1.796	220
1969.....	1.866	1.679	1.916	1.884	1.963	1.870	1.888	1.851	1.765	1.816	1.753	1.613	220
1970.....	1.811	1.654	1.886	1.861	1.966	1.856	1.871	1.845	1.759				
Total monthly egg production													
1968.....	16.6	15.7	17.1	16.6	16.9	15.9	16.1	15.7	15.1	15.7	15.3	15.8	192.4
1969.....	15.9	14.7	16.3	16.3	16.9	16.0	16.1	15.9	16.0	15.9	15.6	16.3	191.5
1970.....	16.3	14.8	16.8	16.4	16.8	15.9	16.2	16.1	15.6				
First of month													
1968.....	329	324	322	320	315	310	306	306	307	313	316	317	315
1969.....	316	316	313	313	310	309	307	307	310	314	318	322	317
1970.....	326	323	322	319	316	312	312	312	315	322			
Eggs laid per 100 layers													
1968.....	58.7	59.5	61.0	62.6	63.2	62.4	61.6	60.3	58.3	58.1	58.1	58.0	58.0
1969.....	57.9	58.6	61.4	62.3	63.4	63.2	61.7	60.3	59.1	58.5	58.7	58.2	58.2
1970.....	58.8	58.2	60.0	61.5	62.4	61.8	60.6	60.1	58.7	58.4			
Daily rate of egg production													
1968.....	193	193	196	200	199	193	189	185	179	182	184	184	184
1969.....	183	185	192	195	197	195	189	185	183	184	187	187	187
1970.....	192	188	193	196	197	193	189	188	186	188			
Tables 47-52.—Factors in monthly supply of shell eggs, 50 States													
Eggs produced on farms													
1968.....	16,619	15,656	17,067	16,642	16,872	15,914	16,072	15,653	15,050	15,744	15,322	15,806	159,417
1969.....	15,856	14,669	16,658	16,411	16,886	15,997	16,100	15,888	15,286	15,945	15,581	16,311	159,458
1970.....	16,308	14,794	16,778	16,414	16,808	15,922	16,203	16,058	15,564				
Storage movement of shell eggs													
1968.....	-11	2	5	20	89	96	-25	-33	-79	22	-81	-32	-27
1969.....	-3	15	-19	121	64	43	-87	-35	-35	-40	19	-13	-8
1970.....	-5	33	4	-22	50	46	-10	-49	82				
Eggs broken commercially													
1968.....	1,281	1,330	1,599	1,735	1,993	1,924	1,756	1,478	1,066	1,118	1,010	844	17,134
1969.....	891	968	1,085	1,471	1,897	2,025	1,649	1,419	1,193	1,404	1,028	1,182	16,212
1970.....	1,293	1,469	1,671	1,926	2,342	2,342	1,770	1,606	1,431				
Eggs used for hatching													
1968.....	943	1,098	1,133	1,171	1,079	1,028	985	881	933	941	957	1,003	12,152
1969.....	981	1,175	1,202	1,246	1,089	1,041	989	1,041	959	1,034	1,079	1,151	13,142
1970.....	1,099	1,313	1,325	1,330	1,233	1,145	1,054	999	971				
Balance													
1968.....	14,466	13,226	14,330	13,716	13,711	12,866	13,356	13,327	13,130	13,663	13,436	13,991	163,158
1969.....	13,987	12,511	14,390	13,478	13,779	12,820	13,457	13,543	13,114	13,547	13,455	13,591	162,112
1970.....	13,668	12,155	13,988	13,435	13,599	12,889	13,389	13,492	13,020				

See footnotes on page 34.

Continued—

Table 20.—Selected poultry and egg statistics 1/—Continued

Item	Data in—	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Tables 53-54.—Commercial production of poultry and red meat, 48 States														
Chicken and turkey meat, r-b-c weight 9/	Mil. lb.	687	566	582	620	694	671	805	860	868	984	803	764	8,915
1968	Mil. lb.	631	579	582	620	724	783	842	867	868	984	803	764	8,915
1969	Mil. lb.	761	653	746	706	780	921	990	984	1,060	1,048	812	840	9,492
1970	Mil. lb.	3,068	2,721	2,783	2,866	3,012	2,637	2,836	2,902	2,894	3,889	2,910	2,910	34,817
Total red meat, carcass weight 10/	Mil. lb.	3,143	2,776	2,889	2,968	3,088	2,722	2,831	2,770	3,032	3,294	2,733	3,007	34,915
1968	Mil. lb.	3,143	2,776	2,889	2,968	3,088	2,722	2,831	2,770	3,032	3,294	2,733	3,007	34,915
1969	Mil. lb.	3,143	2,776	2,889	2,968	3,088	2,722	2,831	2,770	3,032	3,294	2,733	3,007	34,915
1970	Mil. lb.	3,143	2,776	2,889	2,968	3,088	2,722	2,831	2,770	3,032	3,294	2,733	3,007	34,915
Table 56.—Chicken certified as wholesome in Federally inspected plants, ready-to-cook weight														
Young	Mil. lb.	433.9	429.0	448.8	454.9	532.2	497.1	550.9	547.7	502.8	572.0	425.7	464.0	5,939.1
1968	Mil. lb.	540.7	445.6	482.6	533.5	562.7	573.9	568.4	573.8	578.0	610.5	461.3	553.2	6,434.1
1969	Mil. lb.	540.1	445.6	482.6	533.5	562.7	573.9	568.4	573.8	578.0	610.5	461.3	553.2	6,434.1
1970	Mil. lb.	540.1	445.6	482.6	533.5	562.7	573.9	568.4	573.8	578.0	610.5	461.3	553.2	6,434.1
Mature	Mil. lb.	47.4	38.7	33.8	41.0	39.2	28.4	33.6	35.1	31.0	43.4	38.1	40.6	450.2
1968	Mil. lb.	42.5	37.4	34.3	40.9	43.1	37.8	31.9	32.9	38.6	44.7	30.7	35.1	454.4
1969	Mil. lb.	38.9	37.9	45.4	47.0	43.5	44.8	38.5	42.2	42.5	44.7	30.7	35.1	454.4
1970	Mil. lb.	38.9	37.9	45.4	47.0	43.5	44.8	38.5	42.2	42.5	44.7	30.7	35.1	454.4
Total	Mil. lb.	531.3	467.7	482.5	526.0	571.4	525.5	584.5	582.9	533.8	615.5	463.7	504.6	6,389.3
1968	Mil. lb.	583.2	483.0	521.9	573.9	605.8	611.7	600.2	606.7	616.6	655.2	492.0	588.3	6,938.5
1969	Mil. lb.	583.2	483.0	521.9	573.9	605.8	611.7	600.2	606.7	616.6	655.2	492.0	588.3	6,938.5
1970	Mil. lb.	583.2	483.0	521.9	573.9	605.8	611.7	600.2	606.7	616.6	655.2	492.0	588.3	6,938.5
Table 57.—Chicken and turkey inspected for canning and other processed foods in Federally inspected plants, ready-to-cook weight														
Chicken	Mil. lb.	30.5	34.5	17.7	17.6	19.3	17.9	18.2	22.6	17.4	22.6	18.7	16.9	254.0
Young	Mil. lb.	19.1	18.6	20.3	21.7	22.1	21.7	24.0	23.6	25.2	30.9	21.7	23.4	272.3
1968	Mil. lb.	19.1	18.6	20.3	21.7	22.1	21.7	24.0	23.6	25.2	30.9	21.7	23.4	272.3
1969	Mil. lb.	19.1	18.6	20.3	21.7	22.1	21.7	24.0	23.6	25.2	30.9	21.7	23.4	272.3
1970	Mil. lb.	19.1	18.6	20.3	21.7	22.1	21.7	24.0	23.6	25.2	30.9	21.7	23.4	272.3
Mature	Mil. lb.	33.2	33.0	33.1	31.8	31.0	30.5	30.5	28.2	26.9	35.5	33.3	30.7	377.9
1968	Mil. lb.	33.2	33.0	33.1	31.8	31.0	30.5	30.5	28.2	26.9	35.5	33.3	30.7	377.9
1969	Mil. lb.	33.2	33.0	33.1	31.8	31.0	30.5	30.5	28.2	26.9	35.5	33.3	30.7	377.9
1970	Mil. lb.	33.2	33.0	33.1	31.8	31.0	30.5	30.5	28.2	26.9	35.5	33.3	30.7	377.9
Total	Mil. lb.	63.7	67.5	50.8	49.5	50.4	48.4	48.7	50.8	44.4	58.0	51.9	47.6	631.9
1968	Mil. lb.	52.9	51.6	55.2	55.1	52.7	55.1	53.9	50.1	53.8	64.5	49.7	52.3	649.7
1969	Mil. lb.	52.9	51.6	55.2	55.1	52.7	55.1	53.9	50.1	53.8	64.5	49.7	52.3	649.7
1970	Mil. lb.	52.9	51.6	55.2	55.1	52.7	55.1	53.9	50.1	53.8	64.5	49.7	52.3	649.7
Turkey	Mil. lb.	27.3	25.8	26.0	25.6	32.2	24.3	31.7	35.7	34.5	44.6	38.9	36.9	382.8
1968	Mil. lb.	27.3	25.8	26.0	25.6	32.2	24.3	31.7	35.7	34.5	44.6	38.9	36.9	382.8
1969	Mil. lb.	27.3	25.8	26.0	25.6	32.2	24.3	31.7	35.7	34.5	44.6	38.9	36.9	382.8
1970	Mil. lb.	27.3	25.8	26.0	25.6	32.2	24.3	31.7	35.7	34.5	44.6	38.9	36.9	382.8
Table 59.—Turkey certified as wholesome in Federally inspected plants, ready-to-cook weight														
Fryer-roasters	Mil. lb.	9.0	7.0	6.5	4.9	4.8	5.0	6.9	6.1	5.6	7.7	8.3	7.2	79.0
1968	Mil. lb.	6.0	6.1	6.0	5.0	4.1	4.6	5.7	5.7	4.4	6.8	8.0	7.2	69.5
1969	Mil. lb.	5.8	4.3	7.3	6.5	5.8	6.3	6.8	5.9	6.5	6.8	8.0	7.2	69.5
1970	Mil. lb.	5.8	4.3	7.3	6.5	5.8	6.3	6.8	5.9	6.5	6.8	8.0	7.2	69.5
Young turkeys	Mil. lb.	41.8	17.6	14.7	20.0	29.9	56.3	110.8	187.0	215.4	269.3	236.9	154.2	1,353.9
1968	Mil. lb.	35.9	14.8	16.7	17.8	32.0	74.8	135.1	178.9	220.8	259.6	221.4	139.6	1,344.4
1969	Mil. lb.	39.1	17.4	14.3	20.4	37.4	98.3	161.4	204.9	237.4	269.3	221.4	139.6	1,344.4
1970	Mil. lb.	39.1	17.4	14.3	20.4	37.4	98.3	161.4	204.9	237.4	269.3	221.4	139.6	1,344.4
Old turkeys	Mil. lb.	1.1	.5	.6	1.0	4.4	8.2	4.6	1.0	.3	.2	.4	.6	22.7
1968	Mil. lb.	.7	.4	.7	1.3	2.8	6.0	4.7	.7	.5	.1	.2	.5	18.9
1969	Mil. lb.	.7	.4	.7	1.3	2.8	6.0	4.7	.7	.5	.1	.2	.5	18.9
1970	Mil. lb.	.7	.4	.7	1.3	2.8	6.0	4.7	.7	.5	.1	.2	.5	18.9
Total turkeys	Mil. lb.	51.9	25.1	21.8	25.9	39.1	69.5	122.3	194.0	221.2	277.2	245.6	162.0	1,455.6
1968	Mil. lb.	42.6	21.3	23.4	27.6	39.0	85.4	145.5	185.3	225.8	286.5	229.7	147.4	1,432.8
1969	Mil. lb.	42.6	21.3	23.4	27.6	39.0	85.4	145.5	185.3	225.8	286.5	229.7	147.4	1,432.8
1970	Mil. lb.	42.6	21.3	23.4	27.6	39.0	85.4	145.5	185.3	225.8	286.5	229.7	147.4	1,432.8

See footnotes on page 34.

Continued—

Table 20.—Selected poultry and egg statistics 1/—Continued

Item	Data in—	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Table 60.—Ducks, other poultry, and total poultry certified as wholesome in Federally inspected plants, ready-to-cook weight														
Ducks														
1968	Mil. lb.	1.7	1.1	2.0	4.3	5.4	5.2	5.6	5.2	4.6	4.9	3.5	2.9	46.4
1969	Mil. lb.	2.3	1.5	2.5	4.5	5.2	6.0	6.0	5.3	5.4	5.1	3.5	3.9	51.1
1970	Mil. lb.	2.6	1.9	2.8	4.2	4.7	6.6	6.3	5.6	5.6				
Other poultry														
1968	Mil. lb.	.1	.1	.1	.1	.1	.2	.2	.2	.2	.5	1.7	.6	4.0
1969	Mil. lb.	.1	.1	.1	.1	.1	.2	.2	.2	.1	.8	1.8	.6	4.0
1970	Mil. lb.	.1	.1	.1	.1	.1	.2	.2	.2	.2				
Total poultry														
1968	Mil. lb.	585.1	494.0	506.5	556.2	616.0	600.3	712.5	782.2	759.8	898.0	714.6	670.0	7,895.3
1969	Mil. lb.	628.3	505.9	547.9	599.5	650.0	703.3	751.9	797.4	847.9	927.6	836.9	74.0	8,426.9
1970	Mil. lb.	662.3	585.0	643.5	706.8	694.6	827.2	874.0	871.4	906.4				
Tables 61-62.—Chicks hatched by types and pullet chicks placed														
Chicks hatched														
Broiler-type														
1968	Mil.	229.8	219.5	246.7	247.7	260.9	250.3	244.2	232.4	203.4	214.8	221.6	227.8	2,759.1
1969	Mil.	236.4	228.1	267.8	268.5	280.0	266.2	257.6	246.7	231.0	237.5	248.9	256.2	3,025.0
1970	Mil.	269.3	253.7	293.3	293.2	299.5	286.3	268.3	259.2	222.7				
Egg-type														
1968	Mil.	33.5	38.6	53.8	62.3	59.4	45.0	37.1	37.1	37.5	40.4	35.8	34.0	514.3
1969	Mil.	38.0	40.3	53.6	60.3	59.5	47.4	40.2	38.0	39.5	40.0	34.1	39.0	529.9
1970	Mil.	45.7	47.0	64.0	69.3	64.4	51.1	44.8	29.2	39.6				
Pullet chicks placed domestically for broiler hatchery supply flocks 12/														
Total														
1968	Thou.	2,488	2,800	3,329	3,695	3,017	3,555	2,856	2,811	3,118	2,955	3,152	3,168	36,824
1969	Thou.	2,959	2,666	3,278	3,493	4,046	3,469	3,026	3,060	2,933	3,237	3,300	3,047	36,894
1970	Thou.	3,141	3,231	3,645	3,811	3,677	3,462	3,084	2,998	2,629				
Cumulation relevant to breeder flock 12/														
1968	Thou.	25,297	25,176	25,111	25,503	25,188	24,497	23,742	22,866	22,046	22,702	23,693	23,669	
1969	Thou.	24,592	24,489	24,531	25,181	25,336	25,159	24,612	24,554	23,805	24,527	25,209	26,137	
1970	Thou.	26,591	26,465	26,377	26,351	26,782	26,504	26,058	25,153	24,975	25,594	26,345	27,089	
For laying flock replacements 13/														
1968	Thou.	19,246	22,095	30,209	34,845	32,693	26,054	21,300	21,373	21,863	23,142	21,069	20,138	294,074
1969	Thou.	21,981	22,954	30,388	33,639	33,805	27,166	23,132	22,042	22,659	23,230	20,326	22,571	303,838
1970	Thou.	25,979	26,755	35,629	38,470	35,874	28,994	25,496	17,610	22,617				
Table 63.—Poults hatched by breeds														
Poults hatched														
Light breeds														
1968	Thou.	791	678	881	1,170	1,256	1,876	2,168	1,604	1,013	1,022	797	610	13,866
1969	Thou.	692	585	801	1,027	1,008	1,335	1,599	1,255	903	835	902	1,048	11,590
1970	Thou.	904	697	928	1,004	1,157	1,256	1,681	1,465	997				
Total heavy breeds														
1968	Thou.	4,250	8,242	16,900	19,006	19,994	15,802	8,045	1,889	1,057	1,235	1,455	2,294	100,249
1969	Thou.	5,233	9,424	19,658	19,695	19,695	15,466	8,139	2,402	715	904	1,480	2,948	103,279
1970	Thou.	6,648	10,859	18,177	20,458	20,303	16,104	9,569	3,409	1,602				
All breeds														
1968	Thou.	5,041	8,920	17,781	20,256	21,250	17,678	10,213	3,493	2,070	2,257	2,252	2,904	114,115
1969	Thou.	5,925	10,009	19,016	20,695	20,703	16,801	9,738	3,657	1,618	1,739	2,382	3,996	115,269
1970	Thou.	7,552	11,556	19,105	21,462	21,460	17,360	11,250	4,834	2,599				

See footnotes on page 31.

Table 20.—Selected poultry and egg statistics 1/—Continued

Item	Data in—	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Table 66.—Cold storage holdings of shell and frozen eggs, first of the month														
All frozen eggs														
1968	Mill. lb.	89.5	85.5	79.9	81.1	85.7	95.4	107.7	109.7	109.0	102.0	92.2	82.4	
1969	Mill. lb.	71.9	60.8	55.6	51.6	49.6	53.3	60.7	66.2	64.3	56.4	55.3	49.6	
1970	Mill. lb.	42.7	40.5	39.9	40.5	42.7	48.1	55.6	60.1	60.5	58.8			
Shell eggs														
1968	1,000 ea.	66	75	77	82	102	191	287	262	269	150	172	91	
1969	1,000 ea.	59	56	71	52	173	237	300	213	120	85	45	64	
1970	1,000 ea.	51	46	79	83	61	111	157	147	98	180			
Shell equivalent of all eggs														
1968	1,000 ea.	2,352	2,239	2,101	2,135	2,272	2,606	3,014	3,098	2,988	2,733	2,517	2,171	
1969	1,000 ea.	1,880	1,597	1,478	1,359	1,486	1,956	1,896	1,889	1,747	1,513	1,445	1,319	
1970	1,000 ea.	1,131	1,072	1,088	1,109	1,142	1,359	1,565	1,668	1,706	1,668			
Table 67.—Cold storage holdings of frozen eggs, by types, first of the month														
Frozen whole or mixed egg														
1968	Mill. lb.	56.9	53.3	50.0	49.3	50.8	56.2	62.6	65.9	66.8	64.1	57.9	51.8	
1969	Mill. lb.	45.1	37.1	33.6	29.8	28.3	29.4	33.4	36.1	36.5	32.0	30.4	25.3	
1970	Mill. lb.	21.6	20.1	21.2	21.7	22.9	27.1	31.8	35.3	37.8	35.4			
Frozen egg whites														
1968	Mill. lb.	9.6	9.1	8.2	9.2	10.0	11.6	13.2	12.3	12.3	10.2	9.5	7.7	
1969	Mill. lb.	6.6	5.8	6.5	6.3	5.9	6.7	8.3	10.6	9.0	8.4	8.4	8.3	
1970	Mill. lb.	6.4	6.7	6.1	5.6	5.4	5.8	7.1	7.9	7.9	6.6			
Yolk														
1968	Mill. lb.	21.7	21.5	20.2	20.4	21.9	24.5	27.0	26.7	25.2	22.6	20.5	19.1	
1969	Mill. lb.	17.2	15.2	13.7	14.0	14.2	14.2	17.1	17.4	16.9	14.2	15.0	14.3	
1970	Mill. lb.	13.1	12.3	11.3	11.7	12.7	13.3	14.7	14.9	15.8	14.5			
Table 68.—Cold storage holdings of poultry, first of the month														
Turkey														
1968	Mill. lb.	366.9	360.6	310.3	267.8	225.1	194.1	195.3	226.0	304.7	385.9	504.4	385.7	
1969	Mill. lb.	317.1	293.6	254.4	204.4	155.0	123.0	119.3	162.7	237.1	329.4	435.6	283.8	
1970	Mill. lb.	191.9	162.1	132.7	101.1	82.0	74.2	95.2	157.0	240.4	340.6			
Poultry excluding turkeys and ducks														
1968	Mill. lb.	169.4	161.5	146.0	130.9	124.3	115.5	107.9	103.0	104.5	101.1	96.4	96.4	
1969	Mill. lb.	97.2	98.0	94.0	84.6	81.6	81.8	77.2	80.3	80.4	86.6	96.0	100.7	
1970	Mill. lb.	109.7	106.0	113.0	118.4	122.6	135.2	148.4	155.5	159.1	161.4			
Broilers and fryers														
1968	Mill. lb.	41.3	37.5	31.3	26.3	26.6	21.9	19.6	17.4	16.7	18.4	18.0	18.3	
1969	Mill. lb.	20.8	21.0	21.7	21.3	21.3	20.5	18.9	19.8	21.6	20.8	19.7	21.8	
1970	Mill. lb.	23.4	26.5	28.9	28.2	27.6	29.2	32.1	33.8	32.5	33.5			
Table 70.—Exports of fresh or frozen poultry to selected areas														
Broilers														
Common Market														
1968	Thou. lb.	438	632	601	549	255	358	398	500	459	446	497	164	5,337
1969	Thou. lb.	34	488	383	225	121	149	360	117	291	118	78	77	2,441
1970	Thou. lb.	161	154	46	38	172	24	92	86					
Total														
1968	Thou. lb.	493	683	678	580	300	420	444	585	611	556	497	206	6,043
1969	Thou. lb.	34	488	383	225	121	149	360	117	291	118	78	115	3,093
1970	Thou. lb.	156	154	46	38	172	24	122	92					
Other countries														
1968	Thou. lb.	4,772	6,132	5,036	5,818	6,290	7,806	7,401	6,737	8,211	6,425	8,728	6,629	79,985
1969	Thou. lb.	4,857	4,354	8,122	8,447	7,337	6,773	8,162	8,309	6,687	7,642	5,468	4,906	80,858
1970	Thou. lb.	5,167	6,421	7,608	6,919	8,810	7,674	8,049	9,447					
Grand total														
1968	Thou. lb.	5,253	6,815	5,714	6,398	6,490	8,226	7,845	7,322	8,822	6,981	9,226	6,835	85,927
1969	Thou. lb.	4,891	4,842	8,574	8,672	7,460	6,982	8,621	8,466	7,044	7,810	5,548	5,021	83,951
1970	Thou. lb.	1,311	6,575	7,686	7,057	9,012	7,693	8,171	9,539					

See footnotes on page 341

Table 20.—Selected poultry and egg statistics 1/—Continued

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Tables 70-71.—Exports of frozen poultry to selected areas—Continued													
Turkey													
Common Market													
West Germany													
1968	2,119	3,080	1,649	1,907	219	754	903	1,571	2,551	3,231	3,900	2,363	24,947
1969	428	1,691	2,287	1,704	1,456	1,018	1,095	2,042	2,451	2,772	1,971	2,007	20,922
1970	2,191	1,531	1,239	1,279	1,028	1,098	1,333	2,208					
Total													
1968	2,571	3,682	1,803	2,028	1,119	953	1,268	1,988	2,903	3,816	4,761	2,882	29,774
1969	599	2,020	3,122	1,891	1,700	1,174	1,359	2,686	3,435	3,756	2,290	2,408	26,440
1970	2,391	1,552	1,533	1,412	1,070	1,216	1,498	2,558					
Other countries													
1968	779	1,042	539	677	482	435	891	1,356	1,880	883	1,642	1,250	11,856
1969	580	422	1,011	684	704	596	607	843	1,237	1,430	958	1,085	10,157
1970	349	518	303	553	320	591	379	967					
Grand total													
1968	3,350	4,724	2,342	2,705	1,601	1,388	2,160	3,344	4,783	4,699	6,403	4,132	41,631
1969	1,179	2,442	4,133	2,575	2,404	1,770	1,966	3,529	4,672	5,186	3,248	3,493	36,597
1970	2,740	2,070	1,836	1,965	1,390	1,807	1,877	3,525					
Tables 72-75.—ISDA contracts to purchase dried whole egg solids, young chickens, and turkeys													
Egg products (shell equivalent)													
1968	1,000 ea.	---	---	---	57	590	186	---	---	---	---	---	833
1969	1,000 ea.	---	28	339	383	---	---	---	---	---	---	---	750
1970	1,000 ea.	---	---	190	336	320	---	---	---	---	---	---	---
Young chickens, ready-to-cook weight													
1968	1,000 lb.	8,743	---	---	---	---	---	---	---	13,968	8,352	8,460	48,672
1969	1,000 lb.	5,436	7,020	5,436	---	---	---	---	10,188	11,052	10,152	11,736	50,472
1970	1,000 lb.	7,272	---	---	---	---	---	5,112	11,880	10,296	---	---	---
Canned boned chicken													
1968	doz. cans	---	---	---	---	---	---	---	---	---	---	---	---
1969	doz. cans	---	---	---	---	---	---	---	---	---	---	---	---
1970	doz. cans	---	---	---	---	479,400	244,800	244,800	268,600	57,800	---	---	85,000
Canned boned turkey													
1968	doz. cans	---	---	---	---	---	---	---	---	---	---	---	---
1969	doz. cans	---	---	---	---	---	---	---	---	---	---	---	---
1970	doz. cans	---	---	---	---	---	---	---	---	---	---	---	---
Turkey, ready-to-cook weight													
1968	1,000 lb.	8,600	---	---	---	---	---	---	---	3,440	299,200	533,800	918,000
1969	1,000 lb.	---	---	---	---	---	---	---	734,000	586,600	---	---	1,985,000
1970	1,000 lb.	---	---	---	---	---	---	---	---	78,200	---	---	---

1/ With very few exceptions, these data update tables 16-75 in the "Selected Statistical Series for Poultry and Eggs Through 1968," Bulletin FHS 232, revised January 1970. Table numbers shown are the same as those in this statistical supplement to the "Poultry and Egg Situation."

2/ Reported by Bureau of Labor Statistics. Prices collected during a three-day period in the month.

3/ Fifty urban areas in sample.

4/ Mostly prices when quoted.

5/ Trucklot sales, ice packed. The 9 cities are Chicago, Cleveland, Detroit, Los Angeles, New York, Philadelphia, Pittsburgh, St. Louis, and San Francisco.

6/ Thirty-five urban areas.

7/ Birds weighing 8-16 pounds.

8/ Beginning January 1969 complete feed, no specification for completeness in prior years. 1967 revised to reflect proportions sold in bulk and sacked and quantity price discounts.

9/ Chicken and turkey meat exclude slaughter on farms for home use and non-farm production. Estimates of monthly poultry meat production based on available indications of marketing developed from information on inventories, numbers raised, intentions to raise and market poultry as well as data on chick placement and current monthly marketing.

10/ Excludes farm slaughter, lard and rendered pork fat.

11/ Placements reported by leading breeders.

12/ Sum of domestic placements 7-14 months previous.

13/ One-half egg-type chick hatch plus pullet chicks placed for hatchery supply flocks.

14/ Not available.

LIST OF TABLES

Table	Title	Page
	Poultry and Egg Situation at a Glance	2
1	Eggs and poultry: Measures of production efficiency and prices, 1935-70	10
2	Eggs, chicken, turkey and red meats: Civilian per capita consumption, 1945-70	11
3	Factors influencing and indicative of the demand for eggs and poultry, 1945-70	12
4	Cold storage holdings of high-protein foods, October 1, 1970 with comparisons	13
5	Egg supplies available to civilians for food, January-March, April-June, and July-September 1969-70	14
6	Egg-type chick hatchery operations, United States and 5 States reporting weekly, 1969 to date	15
7	Shell eggs: Per capita consumption, by months, and for the U.S. 1960-70	16
8	Egg-feed price ratios, replacements started and raised, and subsequent number of pullets on farms, 1960 to date	16
9	Egg-type replacement hatch, by quarters, 1956-70	17
10	Pullets placed for broiler hatchery supply flocks, by quarters, 1956-70	17
11	Pullet chicks placed for laying flocks, by months, 1964-68 average and 1967-70	18
12	Layers: Average number on hand during the year, by State, by region and for the U.S., selected years	19
13	Layers and potential layers, October 1 and following January 1, 1960 to date	20
14	Changes from the preceding year in selected broiler industry statistics, 1963 to date	21
15	Weekly broiler chick placements in 22 States related to 1969 and 1970 U.S. broiler production	22
16	Export payments on Chicken To Switzerland and Greece, 1968-70	23
17	Turkeys for breeding on January 1: Farmers' intentions and reported number, 15 important States, 1969 to date	24
18	Turkeys: Monthly hatchings, by breed type, advanced to indicate prospective month of marketing, 48 States, 1966 to date	25
19	Turkey hatchery operations, United States and 10 States reporting weekly, January 1969 to date	26
20	Selected poultry and egg statistics	27

U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C. 20250

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$300



POSTAGE & FEES PAID
United States Department of Agriculture

NOTICE: If you no longer need this publication, check here ☐
return this sheet, and your name will be dropped from the mailing list.

If your address should be changed, write the new address on this sheet and
return the whole sheet to:

Automated Mailing List Section
Office of Plant and Operations
U.S. Department of Agriculture
Washington, D.C. 20250

PES-264

NOVEMBER 1970

